



Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

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FEB 3 2012

Mr. Karl Brooks
Regional Administrator
U.S. EPA, Region VII
901 North Fifth Street
Kansas City, KS 66101

Dear Mr. Brooks:

Enclosed is a technical supplement to the Missouri Regional Haze State Implementation Plan (SIP). This document provides additional information and support for the following elements of the revised Regional Haze SIP that was submitted to EPA in June 2009:

- 1) four factor analysis and reasonable progress goal,
- 2) Best Available Retrofit Technology (BART), and
- 3) natural conditions on best 20% visibility days.

Appendix A, an excel spreadsheet that provides additional information for the BART evaluation, is included electronically on a disk due to its width.

Thank you for your attention to this matter. If you have any questions regarding this submittal, please contact Wendy Vit, with the Department's Air Pollution Control Program at P.O. Box 176, Jefferson City, MO 65102 or by phone at (573) 751-4817.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Kyra L. Moore

Director

KLM:tdc

Enclosures:

Copy of Technical Support Document
Electronic copy of Appendix A

Missouri Department of Natural Resources'
Air Pollution Control Program
Technical Supplement to the Missouri Regional Haze
State Implementation Plan



**MISSOURI
DEPARTMENT OF
NATURAL RESOURCES**

January 30, 2012

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Chapter 1 – Four Factor Analysis and Reasonable Progress Goal

When Missouri began developing its control strategy and Reasonable Progress Goal to meet the requirements necessary for the Regional Haze SIP, four factors were used to select sources to evaluate and what control strategies to analyze. These four factors include the cost of compliance, the time necessary for compliance, the energy and non-air quality environmental impacts of compliance, and the remaining useful life of existing sources that contribute to visibility impairment. These four factors were applied in determining control strategy options for all source categories including point sources, area sources, on-road mobile sources, and off-road mobile sources. In addition to these four factors, as described in our Long Term Strategy to meet our Reasonable Progress Goals, all other Clean Air Act related programs were evaluated to determine what effect these other programs have had or will have on existing and future sources, and if any other control strategies would be reasonable in terms of the four factors described above. For most sources, Clean Air Act Programs such as PSD permitting, NSPS standards, MACT standards, on-road and off-road engine standards, federal emission trading programs, fuel standards, and various state rules were deemed to be reasonable, and for these sources no other reasonable measures were deemed appropriate based on the four factors.

The Air Program has already stated its commitment to continue analyzing this Regional Haze SIP to address any deficiencies discovered. In addition, if other reasonable control strategies are identified for sources that contribute to visibility impairment, beyond those implemented through this plan, the Air Program would incorporate such strategies into future SIP revisions along with the five-year progress reports that have been committed to in this Plan.

Section 1.1 Reasonably Available Control Technology (RACT)

The St. Louis PM_{2.5} nonattainment area includes the counties of Franklin, Jefferson, St. Charles, St. Louis, and the City of St. Louis. As required by the Clean Air Act, in addition to the development of an attainment demonstration, the PM_{2.5} implementation rule required states to consider for point sources that emit PM_{2.5} all RACT and Reasonably Achievable Control Measures (RACM). All non-EGU SO₂ and NO_x sources with actual emissions exceeding 25 tons per year were identified in the St. Louis PM_{2.5} nonattainment area. These included large boilers, stationary internal combustion engines, two glass melting furnaces, a biosolids incinerator, a cement kiln and a lead smelter. The implementation of RACT and RACM in these St. Louis area counties have been identified as reasonable measures that can be implemented and use the same four factors for analysis, including: taking into account cost, timing, energy and environmental impacts and the remaining useful life of equipment.

The determinations for the St. Louis Annual PM_{2.5} RACT resulted in a number of regulatory actions. These determinations were based on a technical review of materials provided by facilities that met certain emission criteria and were asked to participate in the RACT stakeholder process. The technical review materials contained at least two of the four-factor analysis in determining control options. Most facilities included cost of compliance, time necessary for compliance, energy and non-air quality environmental impact of compliance, and remaining useful life of potentially affected sources in their reviews. Excluding the electric generating units that are already subject to a federal emissions trading program for NO_x and SO₂, the

facilities in the RACT process represented the largest, base-year emitters of NOx and SO₂ located in the nonattainment area.

The Department's Air Program sent a letter to EPA Region VII and the identified facilities inviting them to attend an informational meeting on August 23, 2007. This kick-off meeting allowed the Air Program to provide background information to the group, which included a discussion of the RACT evaluation process. Following these meetings, the Air Program sent a questionnaire to each facility that was designed to allow a better understanding of the emission processes along with an opportunity to provide control and cost feasibility for each potential control technology. A second meeting was held to answer questions about the questionnaire on November 16, 2007. After facilities submitted the responses and these were reviewed by staff, the Air Program scheduled meetings with each facility to discuss their responses and provide preliminary RACT findings. These discussions led to the following conclusions regarding RACT:

NOx

With respect to oxides of nitrogen (NOx), the materials provided by the facilities clearly indicated that the construction of control equipment was not reasonable based on the expense. The annualized cost estimates ranged from approximately \$4,200 per ton for a Selective Catalytic Reduction process installed on the exhaust of the natural gas-fired internal combustion engines at the Laclede Gas Building to \$33,000 per ton for a similar technology applied to the landfill gas-fired boilers at Chrysler. The RACT findings for NOx are identical to those for the previous 8-hour ozone RACT findings for sources that were evaluated for both ozone and PM. Some additional sources were included in the PM RACT evaluations based on the lower emissions threshold chosen by the Air Program when compared to the threshold selected for the ozone RACT determinations.

During the PM RACT/RACM evaluation, several facilities indicated that they had reduced NOx and/or SO₂ emissions or were planning changes at their facilities that would result in emission reductions. Coal-fired boilers at Washington University and Boeing have both been replaced with natural gas-fired boilers. New New Source Review (NSR) construction permits would be required to switch back to coal-fired boilers for these facilities.

The St. Louis Metropolitan Sewer District's Coldwater Creek Wastewater Treatment Plant originally proposed to remove several internal combustion engines and replace them with electric engines. However, due to the final costs of compliance, the facility could not conduct the replacement and provided additional cost information that led to the Air Program's finding that no additional control would be necessary at this facility. MEMC has committed to continuing to operate their scrubbers for the control of NOx from their acid bath process. A permanent and enforceable consent agreement with this company was signed on July 2, 2009, to mandate the continued use of this scrubbing system. This scrubbing system at MEMC was the only source to require a "new" enforceable mechanism for NOx RACT.

SO₂

The non-utility sulfur dioxide sources were divided into three (3) groups. The first group was those sources that have clearly demonstrated that SO₂ controls were not feasible because of cost.

The second group was just the Doe Run Herculaneum facility, and the third group was made up of the industrial boilers. For SO₂ sources, there were no previous RACT evaluations in the St. Louis area, and these determinations resulted inconsiderable additional emission controls for the area.

The first group includes St. Gobain Containers, River Cement and the St. Louis Metropolitan Sewer District. These sources have provided annualized cost estimates for control technology that range from approximately \$10,000 to \$23,000 per ton, demonstrating that additional or new SO₂ controls for these facilities were not cost effective.

The second group was made up of the single largest non-utility source of SO₂ in the St. Louis nonattainment area. 10 CSR 10-6.260, Restriction of Emission of Sulfur Compounds, currently limits SO₂ emissions from the Doe Run Herculaneum facility to 20,000 pounds per hour. This facility operates an acid plant that converts strong acid gases from the front end of their sintering process into sulfuric acid, but the overall efficiency of the conversion is relatively poor. Even with the acid plant in operation, base year emissions utilized in the attainment demonstration were 44,300 tons per year for Doe Run's facility. Based on Doe Run's high emissions the operation of an SO₂ scrubbing system would be cost effective on a per ton basis. However, the overall capital costs of installing and maintain a scrubbing system for the various gas streams at this facility would be considerable. In an effort to significantly reduce emissions from the plant and allow for continued operation of the facility, 10 CSR 10-6.260 was amended to establish a tiered approach which set an emission limit of twenty-five thousand one hundred (25,100) tons SO₂ per year in 2012 as RACT. The emission limit will be reduced to sixteen thousand three-hundred-fifty (16,350) tons SO₂ per year in 2014, and zero (0) tons SO₂ per year in 2017. Doe Run is currently considering an alternative process to replace the primary lead smelting operation at Herculaneum. This new process would completely eliminate SO₂ emissions. Following the completion of RACT process, a federal consent decree was signed by Doe Run that contains an even more aggressive timeline for shut down of the current smelter than the State's rule, which will eliminate SO₂ emissions even sooner.

Industrial boilers in the St. Louis nonattainment area make up the third group. After a review of the literature, regulations in neighboring states, and a close review of the materials provided by the stakeholders, a new regulation that limits the large industrial boilers to 1.0 pounds of SO₂ per million British Thermal Units (MMBTU) on a thirty-day (30) rolling average was adopted. This new regulation 10 CSR 10-5.570, Control of Sulfur Emissions From Stationary Boilers, was designed to limit emissions from all non-utility boilers greater than 50 MMBTU/hr that burn non-gaseous fuels. There were five total facilities that have boilers subject to this regulation: Chrysler, General Motors, Trigen, Mallinckrodt, and Anheuser Busch. Three of the five facilities can meet the new limit based on current operation and fuel mix (Chrysler, GM, and Trigen). One of the other facilities will also be able to meet the new limit using the averaging provisions of the regulation without installation of add-on control equipment for SO₂ (Mallinckrodt).

The last facility was more closely evaluated due to its emission rate when compared to the other facilities in the group. Anheuser Busch emitted over six thousand tons of SO₂ in 2002 due to the use of Midwestern medium to high-sulfur coal (2%-3.5% sulfur) at several non-utility boilers.

The sulfur content, even with lower sulfur content fuels used by Anheuser Busch, translates to an overall average of 3.5 lb SO₂/MMBTU for the whole facility. Anheuser Busch considered a variety of emission reduction options such as wet or dry scrubbers. Anheuser Busch also noted some technical feasibility issues with the installation of wet scrubbing equipment including space constraints at the brewery power house, structural/safety concerns, and vendors for this type of technology would not quote for the existing boiler configuration at Anheuser Busch. The company also provided a cost estimate for the installation of dry scrubbers (~90% control) on all four coal-fired boilers of \$3,000 per ton reduced. However, the initial capital cost for the installation of the dry scrubbing equipment would be nearly \$80 million. Anheuser Busch claimed that capital cost, along with the existing space constraints at the power house, precluded the installation of this technology.

Anheuser Busch's suggested RACT approach was a proposed 40% reduction in emissions, relying on fuel switching at a cost of nearly \$2,000 per ton reduced. This would result in a sizable reduction of SO₂ from this facility, at an annualized cost of approximately \$20 million. Based on current fuel costs, the 40% percent proposal from Anheuser Busch cost nearly \$6 million per year in additional expenditure. The Department's Air Program evaluated this proposal and asked that Anheuser Busch provide additional information regarding the methodology used to derive the fuel costs. This additional data allowed the Department's Air Program to optimize the fuel mix vs. cost using additional types of coal available for use as fuel. This optimization led to an initial proposed regulation that limited SO₂ emissions to 370 lb/1000 barrels produced. During the regulatory process, this limit was later changed to a cap of 3,050 tons per year. Based on current production projections, if no controls had been required, the facility was projected to emit over 7,200 tons per year SO₂ in 2012. This nearly 60 percent reduction in SO₂ emissions with a cost of slightly over \$6 million in increased fuel expenditure (~\$1,400/ton) was determined to be RACT for this facility.

This summary of the PM_{2.5} RACT process for the St. Louis area shows that all reasonably available control technology and reasonably available control measures have been implemented for large sources of NO_x and SO₂ in the St. Louis PM_{2.5} nonattainment area, and that these measures took into account and considered the four factors required for developing control strategies under a Regional Haze State Implementation Plan.

Section 1.2 Missouri DNR's Permitting Process

In accordance with the Clean Air Act, Missouri has a long-standing and fully implemented construction permitting program for new major sources and significant modifications of existing sources. In a nonattainment area, the construction permitting program is referred to as a New Source Review (NSR) permitting program. In Missouri NSR permitting occurs in the St. Louis Nonattainment Area. The construction permitting program in an attainment area is referred to as a Prevention of Significant Deterioration (PSD) permitting program. The remainder of the state is under the PSD program. One of the major components of the PSD program is the implementation of Best Available Control Technology (BACT) on new major sources or significant modification of existing major sources. Missouri has been delegated full authority to implement the PSD program by the EPA.

When Missouri performs a BACT analyses for new sources, the state takes into account the same four factors that are required for developing control strategies under a Regional Haze State Implementation Plan. In nearly all cases a BACT analysis would require more stringent controls than a RACT or RACM analysis. As all new stationary emission sources are required to obtain a construction permit prior to commencing construction, the state's construction permit rule ensures that no significant degradation to visibility in Federal Class I areas will occur as a result of new sources coming online. If a construction permit application models that degradation would occur to the visibility in a Class I area, then control requirements would be added to the construction permit prior to its issuance. It is these control measures that ensure via modeling that no degradation will occur.

For existing sources, the state has existing rules from previous SIP requirements that cover broad emission sources including but not limited to charcoal kilns, cement kilns, large stationary IC engines, smaller boilers, and other non-EGU categories. In an effort to determine if additional control requirements would be necessary for any existing point sources using the 4-factor analysis, the state performed the following exercise: First, the Air Program developed a list of point sources with actual emissions of 50 tons or more of one or more of the following air pollutants of concern: NO_X, SO₂, or PM₁₀. Fifty tons was selected to screen out less emitting sources that would not have a significant impact on visibility in federal Class I areas. Therefore it would be unlikely that any cost effective controls that could be implemented on these less emitting sources would result in any measureable improvement in visibility to Missouri's federal Class 1 areas. Second, the Air Program removed all facilities from the list that had already undergone a refined modeling BART analysis. Next, all facilities located in the St. Louis PM_{2.5} nonattainment area were removed because sources in these counties had recently been subject to a RACT/RACM analysis. Then three separate tables were created, one for each pollutant of concern, and sources still remaining were listed on each table if their actual emissions were 50 or more tons for that particular pollutant in 2002. Finally, each source's operating permit was reviewed to determine the requirements that each facility was subject to that would offer control for the pollutant of concern in each table.

Table 1 lists every source in the state with 2002 actual emissions exceeding 50 tons for NO_X, SO₂, or PM₁₀. The table also lists the 2002 actual emissions for each of these pollutants. This data was pulled from Appendix H of Missouri's Regional Haze Plan. Tables 2, 3, and 4 give the refined lists of facilities with 2002 actual emissions of 50 tons or more for NO_X, SO₂, and PM₁₀, respectively. These three tables also include a list of applicable rules and control requirements that help control the emissions of the pollutant of concern. Because 2002 emissions were used in the original Regional Haze Plan, those numbers were used in this evaluation to maintain continuity. It is important to note that some of the rules and control requirements listed in Tables 2, 3, and 4 may have become effective after the 2002 emissions were reported. Therefore, more recent actual emissions may already have been reduced from the 2002 values due to the implementation of the measures listed.

As shown by these three tables, the State's construction permit rule, 10 CSR 10-6.060, requires that all applicable state regulations, consent agreements, federal MACT rules, federal NSPS rules, and any control or emission rate requirements are incorporated into each facility's operating permit. The operating permit provides each facility every regulation and emission

requirement that is applicable to the source. As Tables 2, 3, and 4 demonstrate, the State's construction permit rule has ensured for decades that new stationary point sources or units added to previously existing stationary point sources that have come online in the state would not degrade visibility in Class I areas or significantly impact air quality in any area of the state, otherwise controls would have been required to minimize such impact before a construction permit would have been issued. This is shown by the control requirements listed in the Tables.

Table 1. Missouri Facilities with 2002 Emissions of NO_x, SO₂, and/or PM₁₀ Exceeding 50 Tons

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	2002 SO ₂ Emissions	2002 PM ₁₀ Emissions
043-0002	CLEVER STONE COMPANY INC-CLEVER	1422	0	0	53.9
027-0048	CHILES WORKS LLC-FULTON	3295	0	0	54.9
186-0022	TOWER ROCK STONE CO-STE. GENEVIEVE	1422	0	0	64.2
189-0017	FRED WEBER INC-NORTH STONE	2951	0	0	88.1
510-0156	AMERICAN COMMERCIAL TERMINALS-AMERI	1221	0	0	219.7
510-0072	FEDERAL-MOGUL FRICTION PRODUCTS-FED	3321	2.5	0.3	55.4
021-0060	AG PROCESSING INC-ST. JOSEPH - LOWE	2075	4	0	60.3
087-0001	EXIDE TECHNOLOGIES-CANON HOLLOW	3341	6.3	323.5	16
091-0014	PEACE VALLEY CHARCOAL INC-PEACE VAL	2861	7.2	0	87.5
161-0003	MISSOURI HARDWOOD CHARCOAL-ROLLA PL	2861	7.3	0	88.8
213-0002	HORNER CHARCOAL CO INC-HORNER CHARC	2861	9.1	0	113.1
215-0045	H & K CHARCOAL-H & K CHARCOAL	2861	11.2	0	120.5
117-0007	GLEN GERY CORPORATION-GLEN GERY COR	3251	12.5	84.7	36.1
047-0132	AMERICAN ITALIAN PASTA COMPANY-AMER	2098	14	0.1	68.6
077-0001	MISSISSIPPI LIME CO-MISSISSIPPI LIM	3274	15.8	1	52.7
510-0040	WASHINGTON UNIV MEDICAL SCHOOL-BOIL	8062	15.8	50.7	116.6
215-0003	THOMASON CHARCOAL COMPANY-THOMASON	2861	19.5	0	235.8
213-0048	COLLEGE OF THE OZARKS-BRANSON	8221	20.1	128.9	10.3
037-0007	LIMPUS QUARRIES INC-HARRISONVILLE	1422	21.1	1.4	64.6
099-0003	DOE RUN COMPANY-HERCULANEUM SMELTER	3339	21.4	15,223.80	86.6
510-0118	ALUMAX FOILS INC-ALCOA FOIL PRODUCT	3497	27.9	1.3	61.9
065-0038	ROYAL OAK ENTERPRISES INC-SALEM BRI	2861	34.4	1.7	57.3
077-0004	CARLISLE POWER TRANSMISSION PRODUCT	3052	37	156.6	11.9
031-0010	SOUTHEAST MISSOURI STATE UNIVERSITY	8221	41.7	284.7	3.2
047-0002	NATIONAL STARCH & CHEMICAL CO-NATIO	2046	43	105	141.1
047-0002	NATIONAL STARCH & CHEMICAL CO-NATIO	2046	43	105	141.1
143-0008	NORANDA ALUMINUM INC-NORANDA ALUMIN	3334	45.3	5,279.50	608.1
183-0027	MEMC ELECTRONIC MATERIALS INC-ST. P	3677	50.1	0.1	48.4
203-0006	CRAIG INDUSTRIES INC-SUMMERSVILLE P	2861	50.4	0	630
097-0094	TAMKO ROOFING PRODUCTS INC-RANGELIN	2952	50.4	69.4	15.2
023-0050	POPLAR BLUFF MUNICIPAL UTILITIES-GE	4911	51.6	1.9	2.1
189-0217	METROPOLITAN ST. LOUIS SEWER DISTRI	4952	52.4	2.1	4.4
161-0006	UNIVERSITY OF MO - ROLLA-ROLLA POWE	8221	54.4	501	13.2
093-0009	DOE RUN COMPANY-BUICK SMELTER	3339	56.7	4,185.20	52.9
035-0004	ROYAL OAK ENTERPRISES-ELLSINORE DIV	2861	58.6	0	717.5
510-1407	SOUTHERN METAL PROCESSING-SOUTHERN	3433	60	7.6	0.1

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	2002 SO ₂ Emissions	2002 PM ₁₀ Emissions
145-0049	SOUTHERN STAR CENTRAL GAS PIPELINE-	4922	61.5	0	0.8
009-0005	HYDRO ALUMINUM WELLS-MONETT	3351	62.8	0.2	6.6
097-0005	PCS PHOSPHATE COMPANY INC-JOPLIN PL	2874	63.8	34.5	51.3
063-0009	MAGELLAN PIPELINE COMPANY LLC-OSBOR	4613	65.6	0.5	2.6
037-0056	ARIES POWER PLANT-PLEASANT HILL	4911	66.5	2.3	15
113-0029	TOYOTA MOTOR CORPORATE SERVICES-BOD	3365	68	8.5	54.3
069-0066	ASSOCIATED ELECTRIC COOPERATIVE INC	4911	70.6	1.3	8.8
510-0053	METROPOLITAN ST. LOUIS SEWER DISTRI	9511	78.3	25.4	42.4
189-1210	METROPOLITAN ST. LOUIS SEWER DISTRI	4952	78.4	3.2	0.5
027-0001	HARBISON-WALKER REFRactories-HARBIS	3255	79.5	190.2	27.5
189-1205	METROPOLITAN ST. LOUIS SEWER DISTRI	4952	88.2	1.8	0.3
095-0023	KANSAS CITY POWER & LIGHT CO-NORTHE	4911	92.3	29.4	1.3
139-0008	CHRISTY MINERALS CO-HIGH HILL	3295	94.1	225.4	70.1
169-0004	MANSCEN AND FORT LEONARD WOOD-MANSC	9711	94.4	3.5	29.4
047-0019	FORD MOTOR CO-KANSAS CITY ASSEMBLY	3711	96.2	5.8	82.9
091-0038	GARNETT WOOD PRODUCTS-CHARCOAL PLAN	2861	97.4	0	72.9
081-0010	MAGELLAN PIPELINE COMPANY LLC-RIDGE	4613	102.2	0.8	4
189-0231	CHRYSLER CORP-NORTH PLANT	3711	104.8	0.6	7.1
097-0110	CARTHAGE WATER & ELECTRIC-CARTHAGE	4911	110.4	1.4	1.7
023-0042	CENTERPOINT ENERGY-POPLAR BLUFF COM	4922	113.1	0	0.9
031-0053	PROCTER & GAMBLE PAPER PRODUCTS CO-	2676	128.6	0.8	72
510-0017	MALLINCKRODT INC.-MALLINCKRODT INC.	2869	135.7	283.2	23.4
189-0230	MCDONNELL DOUGLAS CORP./BOEING COMP	3721	142.8	138.7	28.7
125-0001	KINGSFORD MANUFACTURING CO-BRIQUETT	2861	145.7	41.3	111.2
123-0018	CENTERPOINT ENERGY-TWELVE MILE COMP	4922	152.5	0	0.6
097-0104	EMPIRE DISTRICT ELECTRIC CO-STATE L	4911	160.4	3.1	34.6
510-0038	TRIGEN-ST. LOUIS ENERGY CORP-ASHLEY	4911	178.6	60.7	9.6
510-0809	PQ CORPORATION (THE)-ST. LOUIS	2819	181.1	74.7	58.6
099-0068	SAINT-GOBAIN CONTAINERS LLC-PEVELY	3221	187.5	242.8	71.5
159-0009	PITTSBURGH-CORNING CORP-PITTSBURGH-	3296	204.3	80.7	42
187-0017	FLAT RIVER GLASS CO-PARK HILLS	3211	209.8	27.3	66.3
510-2378	LACLEDE TOWER ASSOCIATES LLC-LACLED	4911	218.2	0.1	3.9
093-0008	DOE RUN COMPANY-GLOVER SMELTER	3339	230.8	43,340.10	26.7
095-0139	AQUILA INC-GREENWOOD ENERGY CENTER	4911	236.4	0.5	14.6
047-0096	INDEPENDENCE POWER AND LIGHT-MISSOU	4911	259.3	1,261.60	11.3
195-0010	MARSHALL MUNICIPAL UTILITIES-MARSHA	4911	295.7	1,482.70	6.5
183-0076	GENERAL MOTORS-WENTZVILLE CENTER	3711	301.1	695.2	9.7

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	2002 SO ₂ Emissions	2002 PM ₁₀ Emissions
201-0099	TEXAS EASTERN TRANSMISSION CORPORAT	4922	315.4	0.1	1.4
019-0002	COLUMBIA MUNICIPAL POWER PLANT-COLU	4911	319.3	936	3.4
127-0001	BASF AGRI CHEMICALS-HANNIBAL PLANT	2879	413.4	1,873.20	110.9
095-0021	TRIGEN ENERGY CORPORATION-GRAND AVE	4911	498.8	3,873.70	24
095-0050	INDEPENDENCE POWER AND LIGHT-BLUE V	4911	567	4,678.20	56.3
019-0004	UNIVERSITY OF MISSOURI - COLUMBIA-P	4911	742.5	9,948.80	34.2
163-0031	DYNO NOBEL INC-LOMO PLANT	2873	765.4	0	150.4
510-0003	ANHEUSER-BUSCH INC-ST. LOUIS	2082	848.4	6,383.40	57.8
017-0019	NATURAL GAS PIPELINE COMPANY-MARBLE	4922	969.6	0.1	8
147-0024	ANR PIPELINE COMPANY-MAITLAND COMPR	4922	981.5	0.3	13.9
163-0002	AQUALON DIV OF HERCULES INC-MISSOUR	2869	1,008.20	6,223.80	143.4
095-0030	LAFARGE NORTH AMERICA INC-INDEPENDEN	3241	1,049.90	677.8	20.4
159-0047	PANHANDLE EASTERN PIPE LINE CO-HOUS	4922	1,477.50	0.4	23.6
031-0021	LONE STAR INDUSTRIES INC-CAPE GIRAR	3241	1,611.00	1,362.50	380.9
186-0035	CHEMICAL LIME COMPANY-STE. GENEVIEV	3274	1,669.30	72.1	141.9
173-0001	CONTINENTAL CEMENT COMPANY INC-ILAS	3241	1,863.50	530.8	271.7
077-0039	CITY UTILITIES OF SPRINGFIELD MISSO	4911	2,004.70	3,439.30	253.9
019-0077	PANHANDLE EASTERN PIPELINE-CENTRALI	4922	2,020.70	0.4	6
201-0017	SIKESTON POWER STATION-SIKESTON POW	4911	2,205.60	6,389.00	134.6
095-0022	KANSAS CITY POWER & LIGHT CO-HAWTHO	4911	2,380.30	3,844.40	369.1
151-0002	CENTRAL ELECTRIC POWER COOPERATIVE-	4911	2,567.60	4,236.80	12.3
186-0001	MISSISSIPPI LIME COMPANY-MISSISSIPP	3274	2,764.30	6,001.40	1,378.90
099-0016	AMERENUE-RUSH ISLAND PLANT	4911	3,997.30	23,827.20	528
021-0004	AQUILA INC-LAKE ROAD PLANT	4911	4,164.70	3,643.30	33.9
099-0002	RC CEMENT COMPANY INC-RIVER CEMENT	3241	4,954.60	555.3	725
077-0005	CITY UTILITIES OF SPRINGFIELD MISSO	4911	5,346.10	5,790.10	291.4
083-0001	KANSAS CITY POWER & LIGHT CO-MONTRO	4911	5,630.40	16,213.00	285.1
163-0001	HOLCIM (US) INC-CLARKSVILLE	3241	6,026.70	7,408.00	170.6
097-0001	EMPIRE DISTRICT ELECTRIC CO-ASBURY	4911	6,077.60	4,455.90	126
165-0007	KANSAS CITY POWER & LIGHT CO-IATAN	4911	7,350.40	15,216.80	304.6
071-0003	AMERENUE-LABADIE PLANT	4911	7,820.90	48,774.50	1,001.00
189-0010	AMERENUE-MERAMEC PLANT	4911	9,480.90	16,850.40	346.3
095-0031	AQUILA INC-SIBLEY GENERATING STATIO	4911	12,326.60	12,071.00	36.6
183-0001	AMERENUE-SIOUX PLANT	4911	14,122.60	47,083.30	166.1
175-0001	ASSOCIATED ELECTRIC COOPERATIVE INC	4911	18,023.10	15,593.90	288.8
143-0004	ASSOCIATED ELECTRIC COOPERATIVE INC	4911	36,882.70	16,154.40	238.4

Table 2. Refined List of Missouri Facilities with 2002 Emissions of NO_x Exceeding 50 Tons

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	Control Requirements
031-0053	PROCTER & GAMBLE PAPER PRODUCTS CO-	2676	128.6	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 60 Subpart Dc, 40 CFR 63 Subpart ZZZZ, low NO _x burners required, NO _x permit emission rate (BACT)
203-0006	CRAIG INDUSTRIES INC-SUMMERSVILLE P	2861	50.4	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.330, Restriction of Emissions from Batch-Type Charcoal Kilns, NO _x Permit Limit,
035-0004	ROYAL OAK ENTERPRISES-ELLSINORE DIV	2861	58.6	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants
091-0038	GARNETT WOOD PRODUCTS-CHARCOAL PLAN	2861	97.4	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants
125-0001	KINGSFORD MANUFACTURING CO-BRIQUETT	2861	145.7	NO _x permit emission rate. NO _x concentration permit limit, 40 CFR 60 Subpart Dc, Low NO _x Burners Required, 40 CFR 60 Subpart Y, 40 CFR 63 Subpart ZZZZ
163-0002	AQUALON DIV OF HERCULES INC-MISSOUR	2869	1,008.20	40 CFR 63 Subpart F, 40 CFR 63 Subpart H, 40 CFR Subpart FFFF, 40 CFR 60 Subpart Dc, 40 CFR 63 Subpart G, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 63 Subpart ZZZZ
097-0005	PCS PHOSPHATE COMPANY INC-JOPLIN PL	2874	63.8	Basic OP permit. 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-3.060
097-0094	TAMKO ROOFING PRODUCTS INC-RANGELIN	2952	50.4	40 CFR 60 Subpart Dc, 40 CFR 60 Subpart UU, 10 CSR 10-6.220 Restriction of Emissions of Visible Air Contaminants
187-0017	FLAT RIVER GLASS CO-PARK HILLS	3211	209.8	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, NO _x Permit Limit, 40 CFR 60 Subpart CC, Permit Operating Limit
095-0030	LAFARGE NORTH AMERICA INC-INDEPENDE	3241	1,049.90	10 CSR 10-6.220, Restriction of Emission of Visible Air Contaminants, 40 CFR 63 Subpart LLL
031-0021	LONE STAR INDUSTRIES INC-CAPE GIRAR	3241	1,611.00	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.380 Control of NO _x Emissions From Portland Cement Kilns, 40 CFR 63 Subpart LLL, 40 CFR 63 Subpart EEE, 40 CFR 60 Subpart OOO, 40 CFR 60 Subpart F, 40 CFR 60 Subpart Y, 40 CFR 61 Subpart FF, 40 CFR 60 Subpart Kb, throughput permit limits, capture efficiency permit limits for HAPs
027-0001	HARBISON-WALKER REFRactories-HARBIS	3255	79.5	10 CSR 3.080 Restriction of Emission of Visible Air Contaminants, 40 CFR 60 Subpart OOO
186-0035	CHEMICAL LIME COMPANY-STE. GENEVIEV	3274	1,669.30	40 CFR Part 63 Subpart AAAAA, 40 CFR Part 60 Subpart Y, 40 CFR Part 60 Subpart HH, NO _x rate/input permit limit (BACT)
139-0008	CHRISTY MINERALS CO-HIGH HILL	3295	94.1	40 CFR 60 Subpart OOO, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants
159-0009	PITTSBURGH-CORNING CORP-PITTSBURGH-	3296	204.3	40 CFR 63 Subpart SSSSS, NO _x Emissions Permit limit, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, Manganese Dioxide Permit Limit, NO _x Emissions Permit Limit
009-0005	HYDRO ALUMINUM WELLS-MONETT	3351	62.8	40 CFR 63 Subpart MMMM, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, VOC Emissions Permit Limits
113-0029	TOYOTA MOTOR CORPORATE SERVICES-BOD	3365	68	NO _x Emissions permit limit, 40 CFR 60 subpart IIII, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, Wet Scrubber Required
047-0019	FORD MOTOR CO-KANSAS CITY ASSEMBLY	3711	96.2	40 CFR 63 Subpart IIII, 40 CFR 60 Subpart MM, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 63 Subpart DDDDD, 40 CFR 63 Subpart EEEE, NO _x Emissions Permit Limit
063-0009	MAGELLAN PIPELINE COMPANY LLC-OSBOR	4613	65.6	40 CFR 63 Subpart BBBB
081-0010	MAGELLAN PIPELINE COMPANY LLC-RIDGE	4613	102.2	40 CFR 63 Subpart BBBB
023-0050	POPLAR BLUFF MUNICIPAL UTILITIES-GE	4911	51.6	10 CSR 10-6.390 Control of NO _x Emissions from Large stationary Internal Combustion Engines, 10 CSR 10-6.270 Acid Rain Source Permits Required, NO _x Emissions Permit Limit
097-0110	CARTHAGE WATER & ELECTRIC-CARTHAGE	4911	110.4	Operating Permit currently under Technical Review

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	Control Requirements
145-0049	SOUTHERN STAR CENTRAL GAS PIPELINE-	4922	61.5	40 CFR 60 Subpart GG
023-0042	CENTERPOINT ENERGY-POPLAR BLUFF COM	4922	113.1	Operating Hours Permit Limit
123-0018	CENTERPOINT ENERGY-TWELVE MILE COMP	4922	152.5	Operating Hours Permit Limit
201-0099	TEXAS EASTERN TRANSMISSION CORPORAT	4922	315.4	Operating Hours Permit Limit
017-0019	NATURAL GAS PIPELINE COMPANY-MARBLE	4922	969.6	See Section 1.3
147-0024	ANR PIPELINE COMPANY-MAITLAND COMPR	4922	981.5	40 CFR 63 Subpart ZZZZ
159-0047	PANHANDLE EASTERN PIPE LINE CO-HOUS	4922	1,477.50	40 CFR 63 Subpart ZZZZ, NO _x Rate Permit Limits, Throughput permit limits
019-0077	PANHANDLE EASTERN PIPELINE-CENTRALI	4922	2,020.70	40 CFR 60 Subpart KKKK, Low NO _x Burners Required, Operating Hours Permit Limit
161-0006	UNIVERSITY OF MO - ROLLA-ROLLA POWE	8221	54.4	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, Coal throughput permit limit, HAP Emissions Permit Limit
169-0004	MANSCEN AND FORT LEONARD WOOD-MANSC	9711	94.4	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, Permit Requirements render inoperable several emission units, fuel consumption permit limit, 40 CFR 60 Subpart Dc, 40 CFR 60 Subpart OOO

Table 3. Refined List of Missouri Facilities with 2002 Emissions of SO₂ Exceeding 50 Tons

County-Plant ID	Facility Name	SIC	2002 SO ₂ Emissions	Control Requirements
047-0002	NATIONAL STARCH & CHEMICAL CO-NATIO	2046	105	10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds
163-0002	AQUALON DIV OF HERCULES INC-MISSOUR	2869	6,223.80	40 CFR 63 Subpart F, 40 CFR 63 Subpart H, 40 CFR 63 Subpart FFFF, 40 CFR 60 Subpart Dc, 40 CFR 63 Subpart G, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 63 Subpart ZZZZ, Wet Scrubber Required
097-0094	TAMKO ROOFING PRODUCTS INC-RANGELIN	2952	69.4	10 CSR 10-6.220 Restriction of Emissions of Visible Air Contaminants, 40 CFR 60 Subpart Dc, 40 CFR 60 Subpart UU, HCl and Formaldehyde Emissions Permit Limit, Natural Gas Required Fuel in Boiler 5
077-0004	CARLISLE POWER TRANSMISSION PRODUCT	3052	156.6	10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 63 Subpart ZZZZ, HAP Emission Permit Limits, Production permit limit
095-0030	LAFARGE NORTH AMERICA INC-INDEPENDE	3241	677.8	10 CSR 10-6.220 Restriction of Emissions of Visible Air Contaminants, 10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds, 40 CFR 63 Subpart LLL, 40 CFR 60 Subpart Kb, Sulfur Content of Waste Substitute for Material, kiln feed, and coke permit limit.
031-0021	LONE STAR INDUSTRIES INC-CAPE GIRAR	3241	1,362.50	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds, 40 CFR 63 Subpart LLL, 40 CFR 63 Subpart EEE, 40 CFR 60 Subpart OOO, 40 CFR 60 Subpart F, 40 CFR Subpart Y, 40 CFR 61 Subpart FF, 40 CFR 60 Subpart Kb, Fuel Consumption Permit Limits for certain fuels
117-0007	GLEN GERY CORPORATION-GLEN GERY COR	3251	84.7	Operation Shutdown February 2004
027-0001	HARBISON-WALKER REFRactories-HARBIS	3255	190.2	10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds, 40 CFR 60 Subpart OOO, 10 CSR 10-3.080 Restriction of Emission of Visible Air Contaminants
186-0035	CHEMICAL LIME COMPANY-STE. GENEVIEV	3274	72.1	40 CFR Part 63 Subpart AAAAA, 40 CFR Part 60 Subpart Y, 40 CFR Part 60 Subpart HH, Permitted Fuel Restrictions (Natural Gas), SO ₂ Rate Permit Limit (BACT), SO ₂ Rate per production Permit Limit (BACT)

County-Plant ID	Facility Name	SIC	2002 SO ₂ Emissions	Control Requirements
139-0008	CHRISTY MINERALS CO-HIGH HILL	3295	225.4	10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds, 40 CFR 60 Subpart OOO, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants
159-0009	PITTSBURGH-CORNING CORP-PITTSBURGH-	3296	80.7	10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds, 40 CFR 63 Subpart SSSSS, SO ₂ Emissions Permit limit, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, Manganese Dioxide Permit Limit, Aluminum Sulfate Charging Process Permit Limit
213-0048	COLLEGE OF THE OZARKS-BRANSON	8221	128.9	10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds, 40 CFR 60 Subpart DC, fuel sulfur content permit limits, opacity permit limits, SO _x emissions permit limit based on fuel consumption permit limits, operating hour permit limits
031-0010	SOUTHEAST MISSOURI STATE UNIVERSITY	8221	284.7	10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants
161-0006	UNIVERSITY OF MO - ROLLA-ROLLA POWE	8221	501	10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds, Sulfur Emissions Rate Permit Limit, Coal Throughput Permit Limit, Multi-cyclone control required, coal sulfur content permit limit

Table 4. Refined List of Missouri Facilities with 2002 Emissions of PM₁₀ Exceeding 50 Tons

County-Plant ID	Facility Name	SIC	2002 PM ₁₀ Emissions	Control Requirements
043-0002	CLEVER STONE COMPANY INC-CLEVER	1422	53.9	40 CFR 60 Subpart OOO (Basic Operating Permit)
186-0022	TOWER ROCK STONE CO-STE. GENEVIEVE	1422	64.2	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 60 Subpart OOO, PM Emissions Permit Limit, Water Application to Fugitive PM Emission Sources Required, Moisture Content Permit Limit
037-0007	LIMPUS QUARRIES INC-HARRISONVILLE	1422	64.6	Restriction of Emission of Particulate Matter From Industrial Processes 10 CSR 10-6.400, Restriction of Emission of Visible Air Contaminants 10 CSA 10-6.220, PM Emissions Permit Limit, Moisture Content Permit Limit
047-0002	NATIONAL STARCH & CHEMICAL CO-NATIO	2046	141.1	Restriction of Emission of Particulate Matter From Industrial Processes 10 CSR 10-6.400, Restriction of Emission of Visible Air Contaminants 10 CSA 10-6.220, 10 CSR 10-2.260 Control of Petroleum Liquid Storage, Loading and Transfer, 10 CSR 10-2.210, Control of Emissions from Solvent Metal Cleaning
021-0060	AG PROCESSING INC-ST. JOSEPH - LOWE	2075	60.3	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.400 Restriction of Emission of Particulate Matter from Industrial Processes, 10 CFR 63 Subpart GGGG, Leak Detection and Repair Program Permit Requirement, PM Emissions Rate Permit Limit, PM Emissions Concentrations Permit Limit, Cyclones Required, Bag houses Required, Wet System Control Requirements, Enclosure Requirements, Condensers Required, Mineral Oil Absorption System Required
047-0132	AMERICAN ITALIAN PASTA COMPANY-AMER	2098	68.6	10 CSR 10-2.030 Restriction of Emission of Particulate Matter from Industrial Processes, 10 CSR 10-2.060 Restriction of Emission of Visible Air Contaminants, 40 CFR 60 Subpart Dc, 40 CFR 60 Subpart Dc, Bag houses Required, Fuel Sulfur Content Permit Limit
031-0053	PROCTER & GAMBLE PAPER PRODUCTS CO-	2676	72	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-3.060 Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating, 10 CSR 10-6.400 Restriction of Emission of Particulate Matter From Industrial Processes, 40 CFR 60 Subpart Dc, 40 CFR 63 Subpart ZZZZ, HAP Emissions Permit Limit, Bag houses Required, Drum Filters Required, Cyclonic Separator Required (BACT), Venturi Scrubber Required (BACT), Low NO _x Burners Required (BACT), Low VOC Additives Required, Operating Hours Limited
065-0038	ROYAL OAK ENTERPRISES INC-SALEM BRI	2861	57.3	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, PM Emissions Permit Limit, 10 CSR 10-6.330 Restriction of Emissions from Batch Type Charcoal Kilns, Water Application Required, Road Paving and Maintenance Required
091-0038	GARNETT WOOD PRODUCTS-CHARCOAL PLAN	2861	72.9	10 CSR 10-6.400 Restriction of Emission of Particulate Matter from Industrial Processes, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants

County-Plant ID	Facility Name	SIC	2002 PM ₁₀ Emissions	Control Requirements
091-0014	PEACE VALLEY CHARCOAL INC-PEACE VAL	2861	87.5	10 CSR 10-6.330 Restriction of Emissions from Batch Type Charcoal Kilns,
161-0003	MISSOURI HARDWOOD CHARCOAL-ROLLA PL	2861	88.8	10 CSR 10-6.330 Restriction of Emissions from Batch Type Charcoal Kilns
125-0001	KINGSFORD MANUFACTURING CO-BRIQUETT	2861	111.2	10 CSR 10-6.400 Restriction of Emission of Particulate Matter from Industrial Processes, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 60 Subpart Dc, 40 CFR 60 Subpart Y, 40 CFR 63 Subpart ZZZZ, HAP Emissions Permit Limit, Fuel Oil Sulfur Content Permit Limit, PM Emission Rate Permit Limit, Opacity Permit Limit, Total Organic Carbon Emission Concentration Permit Limit, Cyclones Required, Fabric Filters Required, quantity of sawdust handling permit limit, VOC Emissions Permit Limit
213-0002	HORNER CHARCOAL CO INC-HORNER CHARC	2861	113.1	10 CSR 10-6.330 Restriction of Emissions From Batch-Type Charcoal Kilns (Basic)
215-0045	H & K CHARCOAL-H & K CHARCOAL	2861	120.5	10 CSR 10-6.330 Restriction of Emissions From Batch-Type Charcoal Kilns
215-0003	THOMASON CHARCOAL COMPANY-THOMASON	2861	235.8	10 CSR 10-6.330 Restriction of Emissions from Batch-Type Charcoal Kilns, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.400 Restriction of Emission of Particulate Matter from Industrial Processes, Hoods Required, Enclosures Required, Bag houses Required
203-0006	CRAIG INDUSTRIES INC-SUMMERSVILLE P	2861	630	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.330, Restriction of Emissions from Batch-Type Charcoal Kilns, PM Emissions Permit Limit
035-0004	ROYAL OAK ENTERPRISES-ELLSINORE DIV	2861	717.5	PM Emissions Permit Limit, 10 CSR 10-6.330 Restriction of Emissions from Batch-Type Charcoal Kilns, 10 CSR 10-6.220 Restriction of Emissions of Visible Air Contaminants, Water Application Required, Road Paving/Maintenance Required
163-0002	AQUALON DIV OF HERCULES INC-MISSOUR	2869	143.4	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.400 Restriction of Emission of Particulate Matter From Industrial Processes, 40 CFR 63 Subpart F, 40 CFR 63 Subpart H, 40 CFR 63 Subpart FFFF, 40 CFR 60 Subpart Dc, 40 CFR 63 Subpart G, 40 CFR 63 Subpart ZZZZ, Wet Scrubber Required, VOC Emissions Permit Limit, Methanol Emissions Permit Limit, Waste Heat Boiler Destruction Efficiency Permit Limit
097-0005	PCS PHOSPHATE COMPANY INC-JOPLIN PL	2874	51.3	10 CSR 10-3.060 Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating, 10 CSR 10-6.220 Restriction of Emission of Visible Air contaminants, 10 CSR 10-6.400 Restriction of Emission of Particulate Matter from Industrial Processes, PM Emissions Permit Limit, Bag houses Required
187-0017	FLAT RIVER GLASS CO-PARK HILLS	3211	66.3	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.400 Restriction of Emission of Particulate Matter from Industrial Processes, PM Emission Rate Limit, Operating Hours Permit Limit, Throughput Rate Permit Limit
031-0021	LONE STAR INDUSTRIES INC-CAPE GIRAR	3241	380.9	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 63 Subpart LLL, 40 CFR 63 Subpart EEE, 40 CFR 60 Subpart OOO, 40 CFR 60 Subpart F, 40 CFR Subpart Y, 40 CFR 61 Subpart FF, 40 CFR 60 Subpart Kb, Fuel Consumption Permit Limits for certain fuels, Removal/Destruction Efficiencies Permit Limits, PM Emission Rate Permit limit, Bag houses Required, Number of Filters Cleaned Permit Limit, 10 CSR 10-6.400 Restriction of Emission of Particulate Matter from Industrial Processes,
186-0035	CHEMICAL LIME COMPANY-STE. GENEVIEV	3274	141.9	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 10 CSR 10-6.400 Restriction of Emission of Particulate Matter from Industrial Processes, 40 CFR Part 63 Subpart AAAAA, 40 CFR Part 60 Subpart Y, 40 CFR Part 60 Subpart HH, Permitted Fuel Restrictions (Natural Gas), Enclosure Requirements, Bag house Requirements, Chemical Dust Suppressant/Water Application Requirements, PM Emission Concentration Permit Limit, PM Emissions Permit Limit
027-0048	CHILES WORKS LLC-FULTON	3295	54.9	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, Bag houses Required, Cyclones Required, Dust Collectors Required, Ambient PM Concentration Requirement, Chemical Dust Suppressant Application Requirements

County-Plant ID	Facility Name	SIC	2002 PM ₁₀ Emissions	Control Requirements
139-0008	CHRISTY MINERALS CO-HIGH HILL	3295	70.1	10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 60 Subpart OOO, Opacity Permit Limit, PM Emissions Permit Limit, Bag house Required
113-0029	TOYOTA MOTOR CORPORATE SERVICES-BOD	3365	54.3	10 CSR 10.6.400 Restriction of Emission of Particulate Matter from Industrial Processes, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 60 subpart IIII, Bag houses Required, Wet Scrubbers Required, PM Emissions Limit, VOC Emissions Limit, PM Emission Rate Limits
047-0019	FORD MOTOR CO-KANSAS CITY ASSEMBLY	3711	82.9	10 CSR 10.6.400 Restriction of Emission of Particulate Matter from Industrial Processes, 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants, 40 CFR 63 Subpart IIII, 40 CFR 60 Subpart MM, 40 CFR 63 Subpart DDDDD, 40 CFR 63 Subpart EEEE, VOC Permit Limits

Table 5 lists the summed emissions for the pollutants of concern in the refined lists in Tables 2, 3, and 4. Table 6 lists the summary of 2002 emissions from point, area, on-road mobile, and off-road mobile source emissions for these pollutants of concern. Comparing these two tables, the refined list of sources only contribute 7.3%, 2.8%, and 19.8% of all Missouri point source emissions in 2002 for NO_x, SO₂, and PM₁₀, respectively. Furthermore, comparing the emissions from the refined list of sources to the annual 2002 emissions from all four source categories listed in Table 6, the refined list of sources only contribute 2.8%, 2.4%, and 5.7% of the total anthropogenic emissions in 2002 from these source categories for NO_x, SO₂, and PM₁₀, respectively. Although the refined list includes a high percentage of PM₁₀ emissions, as mentioned in the original Regional Haze Plan, PM₁₀ emissions do not significantly contribute to visibility issues for Missouri's Class I areas as they are often fugitive and therefore tend to remain very close to their emission source.

No model runs were performed for any of these sources individually, and therefore it is difficult to determine the precise impact that this list of sources or any single source on this list has in terms of visibility for Class I areas. However as described in Missouri's Regional Haze Plan, the baseline visibility conditions for the 20% worst days are 28.02 dv and 26.75 dv for Mingo and Hercules Glades, respectively. Furthermore, the natural visibility conditions for the 20% worst days are 12.40 dv and 11.30 dv for Mingo and Hercules Glades, respectively. Taking the difference between baseline conditions and natural conditions for the worst 20% days gives the anthropogenic visibility impact of 15.62 dv and 15.54 dv for Mingo and Hercules Glades, respectively. Noting that ammonium sulfate and ammonium nitrate make up the majority of PM speciation data at each of these sites (which can be attributed to NO_x and SO₂ source emissions), if we round up to assume that this list of sources contribute 3% of all anthropogenic SO₂ and NO_x emissions and we then assume that these emissions are all that affect visibility at Mingo and Hercules Glades, the emissions from these three lists of sources combined would only account for an impact of 0.47 dv at both Mingo and Hercules Glades. Based on these estimations, even if 100% of the NO_x and SO₂ emissions from these three tables of refined sources were eliminated it would not result in even a 0.5 dv visibility improvement. Therefore, researching and analyzing new control requirements for these lists of sources would not be noticeably beneficial to visibility in either of Missouri's Class I areas.

Table 5. Sum of 2002 Missouri point source emissions from sources that are non-EGU, non-BART screened, and located outside the St. Louis PM_{2.5} nonattainment area

	NO _X (Tons/yr.)	SO ₂ (Tons/yr.)	PM ₁₀ (Tons/yr.)
Refined Point Source Emissions	13,318	10,163	3,805

Table 6. 2002 Summary of Missouri Point, Area, On-Road Mobile, and Off-Road Mobile Source Emissions

	NO _X (Tons/yr.)	SO ₂ (Tons/yr.)	PM ₁₀ (Tons/yr.)
Point Source Emissions	181,581.7	369,245.1	19,185.3
Area Source Annual Emissions	31,337.8	48,510.9	29,975.9
On-Road Mobile Source Emissions	189,852.3	5,353.5	4,486.6
Off-Road Mobile Source Emissions	99,305.6	9,350.5	13,063.5
Totals	470,739.6	432,460.0	66,711.3

Section 1.3 Q/D Analysis for Refined List of Sources

In their Phase I Report-Revised (2010), the Federal Land Managers' Air Quality Related Values Group (FLAF) stated that "Experience with the FLAG 2000 recommendations in dealing with many new source review applications led the Agencies to believe that an initial screen that would exempt a source from air quality related values (AQRV) impact review based on its annual emissions (Q) and distance (D) from a Class I area may be appropriate in most situations." The following is an excerpt from the report which describes the screening criteria:

As part of its Regional Haze Regulation, the EPA has introduced a screening criteria in its BART guidelines based on a source's annual emission strength and distance from a Class I area. The EPA stated that it would be reasonable to conclude that the following sources would not be considered to cause or contribute to visibility impairment:

- those located more than 50 km from any Class I area that emit less than 500 tons per year of NO_X or SO₂ (or combined NO_X and SO₂), and
- those located more than 100 km from any Class I area that emit less than 1,000 tons per year of NO_X or SO₂ (or combined NO_X and SO₂).

In both cases, the annual emissions over distance factor equates to 10.

The Agencies have concluded that a similar approach has merit with respect to new source impacts at Class I areas, for air pollution sources with relatively steady emissions throughout each year. However, the Agencies are modifying the size criteria to also include Particulate Matter less than 10 microns in size (PM10) and sulfuric acid mist (H₂SO₄) emissions because those pollutants also impair visibility and contribute to other resource impacts. In addition, rather than the two-step BART test, the Agencies are using a fixed Q/D factor of 10 as a screening criteria for sources located/located greater than

50 km from a Class I area. Furthermore, the Agencies are expanding the screening criteria to include all AQRVs, not just visibility. Therefore, the Agencies will consider a source locating greater than 50 km from a Class I area to have negligible impacts with respect to Class I AQRVs if its total SO₂, NO_x, PM₁₀, and H₂SO₄ annual emissions (in tons per year, based on 24-hour maximum allowable emissions), divided by the distance (in km) from the Class I area (Q/D) is 10 or less. The Agencies would not request any further Class I AQRV impact analyses from such sources.

The refined lists of sources in Tables 2, 3, and 4 have been further evaluated to determine if it is reasonable to assume a visibility impact from any of these sources for either of Missouri's federal Class I areas. For each source listed in these three tables above, the Air Program determined the Q/D value for each source. Any source with a Q/D value over 10 was further researched to determine if reasonable controls were being implemented at source. Table 7 below shows the results of the Q/D analysis for the list of refined sources, and Table 8 shows the sources with Q/D values greater than 10.

Table 7. Q/D Analysis for Refined List of Missouri Sources

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	2002 SO ₂ Emissions	2002 PM ₁₀ Emissions	Total Emissions	D Mingo (km)	D HERC (km)	Q/D Mingo	Q/D Herc
037-0007	LIMPUS QUARRIES INC-HARRISONVILLE	1422	21.1	1.4	64.6	87.1	409	251	0.2	0.3
043-0002	CLEVER STONE COMPANY INC-CLEVER	1422	0	0	53.9	53.9	284	57	0.2	0.9
186-0022	TOWER ROCK STONE CO-STE. GENEVIEVE	1422	0	0	64.2	64.2	108	283	0.6	0.2
047-0002	NATIONAL STARCH & CHEMICAL CO-NATIO	2046	43	105	141.1	289.1	447	301	0.6	1
021-0060	AG PROCESSING INC-ST. JOSEPH - LOWE	2075	4	0	60.3	64.3	505	372	0.1	0.2
047-0132	AMERICAN ITALIAN PASTA COMPANY-AMER	2098	14	0.1	68.6	82.7	437	313	0.2	0.3
031-0053	PROCTER & GAMBLE PAPER PRODUCTS CO-	2676	128.6	0.8	72	201.4	76	309	2.6	0.7
035-0004	ROYAL OAK ENTERPRISES-ELLSINORE DIV	2861	58.6	0	717.5	776.1	50	184	15.5	4.2
065-0038	ROYAL OAK ENTERPRISES INC-SALEM BRI	2861	34.4	1.7	57.3	93.4	141	162	0.7	0.6
091-0014	PEACE VALLEY CHARCOAL INC-PEACE VAL	2861	7.2	0	87.5	94.7	131	103	0.7	0.9
091-0038	GARNETT WOOD PRODUCTS-CHARCOAL PLAN	2861	97.4	0	72.9	170.3	132	105	1.3	1.6
125-0001	KINGSFORD MANUFACTURING CO-BRIQUETT	2861	145.7	41.3	111.2	298.2	190	194	1.6	1.5
161-0003	MISSOURI HARDWOOD CHARCOAL-ROLLA PL	2861	7.3	0	88.8	96.1	164	159	0.6	0.6
203-0006	CRAIG INDUSTRIES INC-SUMMERSVILLE P	2861	50.4	0	630	680.4	126	121	5.4	5.6
213-0002	HORNER CHARCOAL CO INC-HORNER CHARC	2861	9.1	0	113.1	122.2	243	10	0.5	12.6

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	2002 SO ₂ Emissions	2002 PM ₁₀ Emissions	Total Emissions	D Mingo (km)	D HERC (km)	Q/D Mingo	Q/D Herc
215-0003	THOMASON CHARCOAL COMPANY-THOMASON	2861	19.5	0	235.8	255.3	150	112	1.7	2.3
215-0045	H & K CHARCOAL-H & K CHARCOAL	2861	11.2	0	120.5	131.7	158	129	0.8	1
163-0002	AQUALON DIV OF HERCULES INC-MISSOUR	2869	1,008.20	6,223.80	143.4	7375.4	275	341	26.8	21.7
097-0005	PCS PHOSPHATE COMPANY INC-JOPLIN PL	2874	63.8	34.5	51.3	149.6	386	158	0.4	0.9
097-0094	TAMKO ROOFING PRODUCTS INC-RANGELIN	2952	50.4	69.4	15.2	135	374	139	0.4	1
077-0004	CARLISLE POWER TRANSMISSION PRODUCT	3052	37	156.6	11.9	205.5	273	58	0.8	3.5
187-0017	FLAT RIVER GLASS CO-PARK HILLS	3211	209.8	27.3	66.3	303.4	96	243	3.2	1.2
031-0021	LONE STAR INDUSTRIES INC-CAPE GIRAR	3241	1,611.00	1,362.50	380.9	3354.4	61	301	55	11.1
095-0030	LAFARGE NORTH AMERICA INC-INDEPENDE	3241	1,049.90	677.8	20.4	1748.1	437	297	4	5.9
117-0007	GLEN GERY CORPORATION-GLEN GERY COR	3251	12.5	84.7	36.1	133.3	425	340	0.3	0.4
027-0001	HARBISON-WALKER REFRactories-HARBIS	3255	79.5	190.2	27.5	297.2	255	250	1.2	1.2
186-0035	CHEMICAL LIME COMPANY-STE. GENEVIEV	3274	1,669.30	72.1	141.9	1883.3	107	285	17.6	6.6
027-0048	CHILES WORKS LLC-FULTON	3295	0	0	54.9	54.9	259	257	0.2	0.2
139-0008	CHRISTY MINERALS CO-HIGH HILL	3295	94.1	225.4	70.1	389.6	230	273	1.7	1.4
159-0009	PITTSBURGH-CORNING CORP-PITTSBURGH-	3296	204.3	80.7	42	327	327	221	1	1.5
009-0005	HYDRO ALUMINUM WELLS-MONETT	3351	62.8	0.2	6.6	69.6	324	86	0.2	0.8
113-0029	TOYOTA MOTOR CORPORATE SERVICES-BOD	3365	68	8.5	54.3	130.8	224	299	0.6	0.4
047-0019	FORD MOTOR CO-KANSAS CITY ASSEMBLY	3711	96.2	5.8	82.9	184.9	445	305	0.4	0.6
183-0076	GENERAL MOTORS-WENTZVILLE CENTER	3711	301.1	695.2	9.7	1006	205	294	4.9	3.4
063-0009	MAGELLAN PIPELINE COMPANY LLC-OSBOR	4613	65.6	0.5	2.6	68.7	470	356	0.1	0.2
081-0010	MAGELLAN PIPELINE COMPANY LLC-RIDGE	4613	102.2	0.8	4	107	500	420	0.2	0.3
023-0050	POPLAR BLUFF MUNICIPAL UTILITIES-GE	4911	51.6	1.9	2.1	55.6	23	220	2.4	0.3
097-0110	CARTHAGE WATER & ELECTRIC-CARTHAGE	4911	110.4	1.4	1.7	113.5	358	128	0.3	0.9
017-0019	NATURAL GAS PIPELINE COMPANY-MARBLE	4922	969.6	0.1	8	977.7	44	275	22.1	3.6
019-0077	PANHANDLE EASTERN PIPELINE-CENTRALI	4922	2,020.70	0.4	6	2027.1	289	275	7	7.4
023-0042	CENTERPOINT ENERGY-POPLAR BLUFF COM	4922	113.1	0	0.9	114	25	214	4.5	0.5

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	2002 SO ₂ Emissions	2002 PM ₁₀ Emissions	Total Emissions	D Mingo (km)	D HERC (km)	Q/D Mingo	Q/D Herc
123-0018	CENTERPOINT ENERGY-TWELVE MILE COMP	4922	152.5	0	0.6	153.1	44	240	3.5	0.6
145-0049	SOUTHERN STAR CENTRAL GAS PIPELINE-	4922	61.5	0	0.8	62.3	374	137	0.2	0.5
147-0024	ANR PIPELINE COMPANY-MAITLAND COMPR	4922	981.5	0.3	13.9	995.7	546	426	1.8	2.3
159-0047	PANHANDLE EASTERN PIPE LINE CO-HOUS	4922	1,477.50	0.4	23.6	1501.5	343	238	4.4	6.3
201-0099	TEXAS EASTERN TRANSMISSION CORP	4922	315.4	0.1	1.4	316.9	47	289	6.7	1.1
031-0010	SOUTHEAST MISSOURI STATE UNIVERSITY	8221	41.7	284.7	3.2	329.6	64	303	5.1	1.1
161-0006	UNIVERSITY OF MO - ROLLA-ROLLA POWE	8221	54.4	501	13.2	568.6	174	168	3.3	3.4
213-0048	COLLEGE OF THE OZARKS-BRANSON	8221	20.1	128.9	10.3	159.3	267	24	0.6	6.5
169-0004	MANSCEN AND FORT LEONARD WOOD-MANSC	9711	94.4	3.5	29.4	127.3	187	135	0.7	0.9

Table 8. Refined List of Sources with Q/D Value Greater than 10

County-Plant ID	Facility Name	SIC	2002 NO _x Emissions	2002 SO ₂ Emissions	2002 PM ₁₀ Emissions	Total Emissions	Q/D Mingo	Q/D Herc
035-0004	ROYAL OAK ENTERPRISES-ELLSINORE DIV	2861	58.6	0	717.5	776.1	15.5	4.2
163-0002	AQUALON DIV OF HERCULES INC-MISSOUR	2869	1,008.20	6,223.80	143.4	7375.4	26.8	21.7
031-0021	LONE STAR INDUSTRIES INC-CAPE GIRAR	3241	1,611.00	1,362.50	380.9	3354.4	55	11.1
186-0035	CHEMICAL LIME COMPANY-STE. GENEVIEV	3274	1,669.30	72.1	141.9	1883.3	17.6	6.6
017-0019	NATURAL GAS PIPELINE COMPANY-MARBLE	4922	969.6	0.1	8	977.7	22.1	3.6

Royal Oak Enterprises-Ellsinore Division has recently incorporated a 100 tpy PM₁₀ facility wide emissions limit into its permit. Taking this into account, the Q/D value for this facility would drop well below 10 for both federal Class I areas.

Aqualon Division of Hercules is located more than 250 km from either of Missouri's federal Class I areas. A Compliance Agreement between the Missouri Department of Natural Resources, the Missouri Office of Attorney General and Hercules, Incorporated (Aqualon's parent corporation) required the shutdown of one of the three existing boilers on or before May 31, 2011. Once this boiler was retired, steam generation was not to exceed 125,000 pounds per hour. The Agreement allowed for compliance to be demonstrated by additional means, such as the shutdown of additional boilers or the plant itself. According to information obtained from the company, in compliance with the Agreement, two of the facility's three coal-fired boilers were recently retired in May 2011, which is expected to drastically reduce actual SO₂ and NO_x emissions from the facility.

Lone Star Industries installed an oxygen injection system in 2006 to control their SO₂ and NO_X emissions. This control system reduced their actual SO₂ emissions by over 90%. The control system also reduced NO_X emissions by over 30%. The addition of this control equipment, which was included in their construction permit #112006-012, satisfies the four factor analysis for this facility.

Chemical Lime Company was issued their original construction permit in 1994 at which time they underwent a BACT analysis for PM₁₀, NO_X, and SO₂. This BACT analysis and corresponding controls have been incorporated into the facility's construction and operating permits in addition, as noted in 2, 3, and 4 Chemical Lime Company must also comply with the all current federal standards.

Natural Gas Pipeline Company is a Natural Gas Compressor Station. The majority of the NO_X emissions from this facility are the result of natural gas compressor engines. EPA has issued federal NSPS emission standards for newly manufactured natural gas compressor engines in 40 CFR 60 Subpart KKKK. The compressor engines at this facility were installed from 1952 – 1966. At this time it would not be cost effective to implement control requirements for these existing engines that are nearing the ends of their expected useful lives.

Chapter 2 – Best Available Retrofit Technology

Section 2.1 Sources Exempt by Date or Potential to Emit

The Air Program reexamined the emission points/units listed in Appendix I of the regional haze plan that were marked as having a potential to emit (PTE) less than 250 tons/year. This table was updated based on the results of this review to provide further documentation that these sources are not eligible for BART based on their PTE or date of installation. Appendix A of this technical supplement includes the updated table with enhanced supporting justification for exempting these sources from BART.

First a search was done on the type of operating permit the source has been most recently issued. Basic and intermediate sources do not have a PTE above 100 TPY for any pollutant in their permit. Intermediate sources agree to take limits in their permit to be below 100 TPY for all criteria pollutant they emit so they are not required to have a Part 70 (aka Title V) permit. Therefore, all sources with a Basic or Intermediate operating permit are immediately eliminated from BART consideration because their total plant wide PTE for any BART pollutant is well below 250 TPY. Columns were added to the spreadsheet to show which sources have basic (BAS) or intermediate (INT) permits. Intermediate permit numbers were listed in a separate column when available.

After this initial review, there were approximately 30 sources that have Part 70 (Title V) permits and required further examination. The majority of these sources have relatively recent operating permits. The Air Program reviewed these sources to determine BART applicability based on dates of the equipment as well as calculated PTE for the plant and/or BART eligible points/units. Notes of explanation were added to the “comment” column indicating if plant wide PTE showed

that the pollutants of concern were each below 250 TPY. In addition, the dates for all of the units were verified to confirm exemption, a number of emission points/units were determined to not be emitters of the pollutants of concern, and finally only the BART-eligible units at sources were calculated for PTE. The most recent operating permit for each Title V permitted facility is listed in a column of the spreadsheet in Appendix A. If there is not a recently completed operating permit available, there has been sufficient work done by Air permitting staff on draft permits for these sources to allow for the calculation of PTEs.

Section 2.2 Additional BART Evaluation

Among the units listed in Appendix I of the regional haze plan that were initially eliminated from further BART analyses based on their individual PTE of less than 250 tons, there were six facilities identified as needing additional review. These six facilities required additional evaluation due to incorrect potential to emit calculations, the inadvertent exclusion of supporting emission points that were not considered during the initial analyses or having BART units that were eliminated as a result of having gone through PSD permit exercises (Doe Run Buick). Table 9 lists these six facilities, the reason(s) for needing further evaluation, their initially modeled pollutant values and the additional amounts of pollutants that needed to be evaluated. All emissions are based on potential to emit (PTE). Of these six facilities, screening modeling was done in the original Regional Haze SIP for Exide, Doe Run Herculaneum, Dyno Nobel, Mississippi Lime, and Noranda. Both screening and refined modeling was conducted for Noranda in the original Regional Haze SIP, and Doe Run Buick was not modeled at all. As Table 9 shows, PM₁₀ emissions from several facilities were not modeled. In addition, Table 9 also shows that Exide Technologies' SO₂ emission and Dyno Nobel's NOx emission of 192.3 and 157.5, respectively, were not modeled.

Table 9. Facilities Requiring Further Review for BART

Facility ID	Facility Name	Reason for Evaluation	Emissions Initially Modeled (ton/yr)*			Emissions not Modeled (ton/yr)*		
			NOx	SO ₂	PM ₁₀	NOx	SO ₂	PM ₁₀
290870001	EXIDE TECHNOLOGIES	Emission units excluded & Incorrect PTE	14.2	290.4	24.5	3.9	192.3	0.0
290990003	DOE RUN COMPANY Herculaneum	Emission units excluded	11.5	2,560.5	4.6	0.7	0.0	102.0
290930009	DOE RUN COMPANY Buick	Not modeled	---	---	---	16.3	6187.7	19.8
291630031	DYNO NOBEL INC	Emission units excluded	822.3	0.0	0.0	157.5	0.0	209.4
291860001	MISSISSIPPI LIME COMPANY	Emission units excluded	568.0	311.5	97.0	0.0	0.0	133.3
291430008	NORANDA ALUMINUM INC	Emission units	2.4	4137.6	445.8	0.0	0.1	9.1

		excluded						
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*Emissions are based on potential to emit

After consulting with EPA modelers, it was suggested as a first step to apply a Q/D test to determine if screening or refined modeling was warranted. As mentioned in earlier in section 1.3, in their Phase I Report-Revised (2010), the Federal Land Managers' Air Quality Related Values Group (FLAF) determined that a Q/D test is a reasonable approach to determining impacts on Class I areas. Q is total potential emissions in tons for total of NOx, PM₁₀, and SO₂, and D is the distance in kilometers from the facility to the nearest receptor in the Class I Area. As a rule of thumb, EPA advised that if Q/D is greater than 10, the percentage of Q/D from PM₁₀ can be examined to determine if further impact modeling analyses are needed. As mentioned previously, PM₁₀ emissions are generally fugitive emissions that do not impact far beyond their source. As the findings outlined in the original Regional Haze Plan discuss, Missouri's Class I areas are most significantly impacted by pollutants that originate from NOx and SO₂ emission. Table 10 summarizes the Q/D analysis.

Table 10. Q/D Analysis - Total Emissions over Distance

Facility Name	Potential to Emit (ton/yr)			Q - Total Emissions (tons)	D - Distance from Mingo (km)	D - Distance from Hercules (km)	Q/D Mingo	Q/D Hercules
	NOx	SO ₂	PM ₁₀					
EXIDE	18.1	482.7	24.5	525.3	549	416	1	1
DOE RUN Herc	12.2	2,560.5	106.6	2,679.3	137	278	20	10
DOE RUN Buick	16.3	6,187.7	19.8	6,223.8	108	184	58	34
DYNO NOBEL INC	979.8	0.0	209.4	1,189.2	275	340	4	3
MISSISSIPPI LIME	568.0	311.5	230.3	1,109.8	104	284	11	4
NORANDA ALUMINUM	2.4	4,137.7	454.9	4,595.0	73	294	63	16

Table 11 summarizes the highest screen modeling (method 6) impacts in deciviews from Table 9.3 in the regional haze plan, along with the percent contributions from individual species. Note that all facilities from Table 9 are listed in Table 11 except Doe Run-Buick, which was not modeled in the original plan; Doe Run-Buick is addressed in section 2.3 of this technical supplement. The percentage contributions were taken from the output files of the original screening modeling that was conducted for the regional haze plan. The species are as follows: SO₄ - sulfates; NO₃ - nitrates; OC - organic carbon; EC - elemental carbon; PMC - coarse particulate matter; and PMF - fine particulate matter.

Table 11. Screening Modeling Impacts with Individual Species Contributions

Facility	Year	Day	Delta (DV)	%_SO ₄	%_NO ₃	%_OC	%_EC	%_PMC	%_PMF
Exide	2001	8	0.010	85.88	9.95	0	0	0	5.77
Exide	2002	31	0.024	96.30	3.02	0	0	0	0.68
Exide	2003	309	0.021	97.30	1.82	0	0	0	0.88
DoeRunHerc	2001	202	0.399	99.99	0.10	0	0	0	0

DoeRunHerc	2002	73	0.487	99.59	0.41	0	0	0	0
DoeRunHerc	2003	331	0.231	99.69	0.31	0	0	0	0
Dyno Nobel	2001	46	0.081	0	100	0	0	0	0
Dyno Nobel	2002	30	0.093	0	100	0	0	0	0
Dyno Nobel	2003	98	0.049	0	100	0	0	0	0
Mississippi L	2001	18	0.246	15.71	78.52	0	0	0	5.77
Mississippi L	2002	2	0.367	9.37	83.56	0	0	0	7.07
Mississippi L	2003	300	0.136	11.59	79.28	0	0	0	9.13
Noranda	2001	12	1.118	98.82	0.15	0	0	0.21	0.92
Noranda	2002	31	1.555	98.63	0.16	0	0	0.13	1.08
Noranda	2003	212	1.816	99.45	0.01	0	0	0.06	0.49

Exide Technologies is the furthest from both Class I Areas, and its Q/D values for both Class I Areas are less than 10. Its highest screen modeling impact on Hercules was 0.024 deciviews. Even if the additional 192.3 tons of SO₂ emissions missing from the initial screen modeling were included in the modeling, the facility would not exceed the 0.5 deciview modeling threshold.

Doe Run Herculaneum has a Q/D of 20 and 10 for Mingo and Hercules, respectively. It should be noted that 67 tons of PM₁₀ emissions that were not modeled are fugitive in nature; and as discussed previously, the impacts would occur near the facility. In addition, when looking at the output files from the screen modeling, the greatest impact came from sulfate (SO₄) (99.59%) as shown in Table 11. The impact from fine particulate matter (PMF) is 0.0%. Since PM₁₀ was speciated (modeled) as PMF in Calpost, this indicates that PM₁₀ does not have significant impact and these additional emissions would not have a measure impact on Doe Run's dV on either Class I Area.

Dyno Nobel's Q/D values are both well below 10. Its highest screen modeling impact using method 6 was 0.093 deciviews as shown in Table 11. Based on these values, adding 157.5 tons and 209.4 tons of NO_x and PM₁₀, respectively, would not result in impacts above 0.5 deciviews using the screen modeling let alone if refined modeling was used.

Mississippi Lime's Q/D value for Hercules is below 10, and the highest screen modeling impact on Mingo using method 6 was 0.367 deciviews. Adding 133.3 tons of PM₁₀, all of which are fugitive emissions, would not result in impacts above 0.5 deciview. In addition, the screen modeling showed that only 7.07% of the impact came from PMF and most of the impact was from NO₃ (83.56%). As mentioned above, since PM₁₀ was speciated as PMF in Calpost, this minimal impact of PMF in the modeling results indicates that PM₁₀ does not have significant impact on Mingo.

Noranda Aluminum's highest refined modeling impact using method 6 was 0.435 deciviews. Adding 9.1 tons PM₁₀ would not result in impacts above the 0.5 deciview since SO₄ had the dominant impact on Mingo as shown in Table 11.

Section 2.3 Modeling Analysis for Doe Run-Buick

Doe Run Buick was not modeled initially as a result of having gone through two Prevention of Significant Deterioration (PSD) evaluations that determined the blast furnace units had installed Best Available Control Technology (BACT). For the purpose of this technical supplement to the regional haze plan, a screening modeling analysis of Doe Run Buick was conducted based on emissions submitted by facility in 2007. As summarized in Table 12, the screen modeling showed impacts greater than the 0.5 deciview threshold.

Table 12. Screening Modeling for Doe Run Buick

Class I Area	Maximum Method 2 Impact	Year
Mingo	1.143	2001
Mingo	0.880	2002
Mingo	0.855	2003
Hercules	0.444	2001
Hercules	2.072	2002
Hercules	1.860	2003

Since the screen modeling for the Buick facility showed impacts greater than 0.5 deciview, refined modeling was warranted. The fundamental difference between both sets of refined analyses and the previous screening evaluation was the use of meteorological observations in the development of the CALMET files used in the CALPUFF evaluations. The emission rates were consistent between the screening analyses and the refined analyses, as were the meteorological years for the evaluation (2001-2003). Table 13 shows the impacts from the facility on Mingo and Hercules Class I Areas using refined modeling methods 2 and 6. The impacts are based on the 98th percentile as per the refined modeling guidance. It is clear that the facility does not have impacts on both Class I Areas above 0.5 deciview.

Table 13. Refined Modeling Analysis for Doe Run Buick

Class I Area	Year	8th Highest (98%) M6 Impact	8th Highest (98%) M2 Impact
Hercules	2001	0.245	0.227
Hercules	2002	0.274	0.294
Hercules	2003	0.351	0.407
Mingo	2001	0.428	0.449
Mingo	2002	0.295	0.382
Mingo	2003	0.305	0.446

Chapter 3 – Natural Conditions on Best 20% Visibility Days

The goal of Regional Haze State Implementation Plans is to obtain natural visibility conditions in all federal Class I areas by 2064. In order to accomplish this, the Regional Haze State Implementation Plans must first determine what natural visibility conditions are in all federal Class I areas. EPA developed default values for natural visibility conditions on both the 20% worst visibility days and the 20% best visibility days. These default values are listed in Appendix B of a 2003 EPA guidance document titled: Guidance for Estimating Natural Visibility Conditions Under the Regional Haze Rule, which can be found at the following Web address: http://www.epa.gov/ttncaaa1/t1/memoranda/rh_envcurhr_gd.pdf. Table 14 lists the default natural visibility conditions at Mingo and Hercules Glades for the 20% best and 20% worst days as detailed in this guidance.

Table 14. EPA Default Natural Visibility Conditions at Missouri's Federal Class I Areas

	Best 20% Days (dv)	Worst 20% Days (dv)
Hercules Glades	3.59	11.27
Mingo	3.59	11.27

States were given flexibility in the Regional Haze Rule for calculating natural visibility conditions at federal Class I areas. Missouri's two federal Class I areas were included in the CENRAP analysis listed as Appendix F in Missouri's Regional Haze SIP. For Missouri's two federal Class I areas, the CENRAP analysis focused on the worst 20% days and developed a glide path for these days. Section 8 of Missouri's Regional Haze SIP lists this information in a graph showing the glide path from baseline conditions to natural visibility conditions on the worst 20% days in figures 8.1a and 8.2a for Hercules Glades and Mingo, respectively. As can be seen, the calculated natural condition values in the CENRAP analysis on the worst 20% days for these two federal Class I areas differed slightly from the EPA default values for natural conditions listed in Table 14. CENRAP did not perform the calculations based on the New IMPROVE algorithm for Missouri's two federal Class I areas for the 20% best visibility days. Instead, the CENRAP analysis focused on the requirement that no degradation to visibility on the best 20% days could occur through 2018.

At the time of developing the Regional Haze SIP, Missouri had planned to calculate baseline and natural visibility conditions for both federal Class I areas in the State. However, because there was missing monitoring data on a significant number of days, Missouri decided not to pursue the refined calculations for baseline and natural visibility. Instead, Missouri deferred to the CENRAP calculations for baseline visibility conditions for both the worst 20% days and best 20% days and also for the natural visibility conditions used to set the glide path for the worst 20% days. For the best 20% days, Missouri chose to defer to the EPA default values listed in Table 14 for natural visibility conditions (3.59 dv for both areas).

The Regional Haze Rule requires that the initial Regional Haze SIPs report the values for natural visibility conditions for the best 20% visibility days. The EPA default values for natural visibility conditions on the best 20% visibility days will meet this requirement. The other requirement in the Regional Haze Rule for the initial Regional Haze SIP regarding the best 20%

visibility days is that no degradation can occur between the baseline year (2002) and the interim year (2018). This has been demonstrated for Missouri through the CENRAP analysis, and is detailed in Missouri's Regional Haze SIP in Figures 8.1b and 8.2b for Hercules Glades and Mingo, respectively.

APPENDIX A

Updated Table of Sources Reviewed for BART Applicability

Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS
1	290190002	COLUMBIA MUNICIPAL POWER PLANT	EP01	BOILER UNIT #6	X	X						4911	10100204	1						OP2010-130	P70
2	290190002	COLUMBIA MUNICIPAL POWER PLANT	EP02	BOILER UNIT #7					X			4911	10100204	1						OP2010-130	P70
3	290190004	UNIVERSITY OF MISSOURI - COLUMBIA	EP10	BOILER 10					X			4911	10100204	1						OP2009-004	P70
4	290190004	UNIVERSITY OF MISSOURI - COLUMBIA	EP20	BOILER 12	X							4911	10100601	1						OP2009-004	P70
5	290190004	UNIVERSITY OF MISSOURI - COLUMBIA	EP11	BOILER 11	X							4911	10100218	1						OP2009-004	P70
6	290190004	UNIVERSITY OF MISSOURI - COLUMBIA	EP09	BOILER 9		X						4911	10100204	1						OP2009-004	P70
7	290190004	UNIVERSITY OF MISSOURI - COLUMBIA	EP08	BOILER 8	X							4911	10100205	1						OP2009-004	P70
8	290190004	UNIVERSITY OF MISSOURI - COLUMBIA	EP07	BOILER 7	X							4911	10100205	1						OP2009-004	P70
9	290210004	AQUILA INC	01	BOILER #1 & #1 STACK	X							4911	10100601	1						OP2009-004	P70
10	290210004	AQUILA INC	02	BOILER #2 & #2 STACK	X							4911	10100601	1						OP2009-004	P70
11	290210004	AQUILA INC	03	BOILER #3 & #3 STACK	X							4911	10100601	1						OP2009-004	P70
12	290210004	AQUILA INC	04	BOILER #4 & #4 STACK	X							4911	10100601	1						OP2009-004	P70
13	290210004	AQUILA INC	06	BOILER #6, ESP & STACK					X			4911	10100203	1						OP2009-004	P70
14	290210004	AQUILA INC	05	BOILER #5, ESP & STACK	X							4911	10100202	1						OP2009-004	P70
15	290370056	ARIES POWER PLANT	EP1	Combustion Turbine / HRSG #1 (with Duct Burner)	X							4911	10100601	1						OP2009-016	P70
16	290370056	ARIES POWER PLANT	EP2	Combustion Turbine / HRSG #2 (with Duct Burner)	X							4911	10100601	1						OP2009-016	P70
17	290370056	ARIES POWER PLANT	EP4	Wastewater Boiler	X							4911	10100602	1						OP2009-016	P70
18	290470096	INDEPENDENCE POWER AND LIGHT	EP5	#1 & #2 BOILERS	X							4911	10100201	1						OP2010-020	P70
19	290690063	KENNEDY GENERATING PLANT	13-14	Burnham Boilers	X							4911	10100602	1						OP2006-082	P70
20	290690066	ASSOCIATED ELECTRIC COOPERATIVE INC	EP-04	AUXILIARY BOILER	X							4911	10100602	1						OP2008-019	P70
21	290710003	AMERENUE	B1	BOILER 1					X			4911	10100226	1						OP2011-020	P70
22	290710003	AMERENUE	B2	BOILER 2					X			4911	10100226	1						OP2011-020	P70
23	290710003	AMERENUE	B3	BOILER 3					X			4911	10100226	1						OP2011-020	P70
24	290710003	AMERENUE	B4	BOILER 4					X			4911	10100226	1						OP2011-020	P70
25	290770005	CITY UTILITIES OF SPRINGFIELD MISSOURI	E08	UTILITY BOILER #5						X		4911	10100222	1						OP2008-055	P70
26	290770005	CITY UTILITIES OF SPRINGFIELD MISSOURI	E07	UTILITY BOILER #4						X		4911	10100222	1						OP2008-055	P70
27	290770005	CITY UTILITIES OF SPRINGFIELD MISSOURI	E06	UTILITY BOILER #3	X							4911	10100222	1						OP2008-055	P70
28	290770005	CITY UTILITIES OF SPRINGFIELD MISSOURI	E05	UTILITY BOILER #2	X							4911	10100226	1						OP2008-055	P70
29	290770005	CITY UTILITIES OF SPRINGFIELD MISSOURI	E04	UTILITY BOILER #1	X							4911	10100226	1						OP2008-055	P70
30	290770039	CITY UTILITIES OF SPRINGFIELD MISSOURI	E09	STEAM GENERATOR					X			4911	10100222	1						OP2008-056	P70
31	290770039	CITY UTILITIES OF SPRINGFIELD MISSOURI	E16	BUILDING HEAT BOILER	X							4911	10100602	1						OP2008-056	P70
32	290830001	KANSAS CITY POWER & LIGHT CO	EP08	BOILER-UNIT 3					X			4911	10100226	1						OP2006-070	P70
33	290830001	KANSAS CITY POWER & LIGHT CO	EP07	BOILER-UNIT 2	X							4911	10100226	1						OP2006-070	P70
34	290830001	KANSAS CITY POWER & LIGHT CO	EP06	BOILER-UNIT 1	X							4911	10100226	1						OP2006-070	P70
35	290950021	TRIGEN ENERGY CORPORATION	EP1	Boiler 1A, Distillate Oil 1 and 2					X			4911	10100601	1						P70	
36	290950021	TRIGEN ENERGY CORPORATION	EP-2	Boiler 6, Coal	X							4911	10100604	1						P70	
37	290950021	TRIGEN ENERGY CORPORATION	EP-3	Boiler 8, Distillate Oil 1&2	X							4911	10100604	1						P70	
38	290950022	KANSAS CITY POWER & LIGHT CO	EP901	Unit #9 HRSG/Duct Burners	X							4911	10100601	1						P70	
39	290950022	KANSAS CITY POWER & LIGHT CO	EP06	Utility Boiler-Coal	X							4911	10100226	1						P70	
40	290950031	AQUILA INC	5C	BOILER #3					X			4911	10100203	1						OP2006-063	P70
41	290950031	AQUILA INC	5B	BOILER #2	X							4911	10100203	1						OP2006-063	P70
42	290950031	AQUILA INC	5A	BOILER #1	X							4911	10100203	1						OP2006-063	P70
43	290950050	INDEPENDENCE POWER AND LIGHT	EP05	UNIT 3 STACK					X			4911	10100212	1						OP2010-117	P70
44	290950050	INDEPENDENCE POWER AND LIGHT	EP04	UNIT 2 STACK	X							4911	10100212	1						OP2010-117	P70
45	290950050	INDEPENDENCE POWER AND LIGHT	EP03	UNIT 1 STACK	X							4911	10100212	1						OP2010-117	P70
46	290970001	EMPIRE DISTRICT ELECTRIC CO	7	BOILER EXHAUST STACK					X			4911	10100223	1						OP2010-082	P70
47	290990016	AMERENUE-RUSH ISLAND	B-1	BOILER 1					X			4911	10100226	1						OP2010-047	P70
48	290990016	AMERENUE-RUSH ISLAND	B-2	BOILER 2					X			4911	10100226	1						OP2010-047	P70
49	291170002	CHILLICOTHE MUNICIPAL UTILITIES	E06	BOILER #6 - COAL/PAPER MIX	X						1	4911	10100204	1						OP2008-052	P70

Exempt based on date 1957. No longer at facility

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50	291430004	ASSOCIATED ELECTRIC COOPERATIVE INC	EP-02	BOILER #2 - BITUMINOUS COAL				X			4911	10100223	1						OP2010-116	P70		
51	291430004	ASSOCIATED ELECTRIC COOPERATIVE INC	EP-01	BOILER #1 - BITUMINOUS COAL				X			4911	10100223	1						OP2010-116	P70		
52	291510002	CENTRAL ELECTRIC POWER COOPERATIVE	EP-04	#2 Boiler	X						4911	10100223	1						OP2011-035	P70		
53	291510002	CENTRAL ELECTRIC POWER COOPERATIVE	EP-03	#1 Boiler	X						4911	10100202	1						OP2011-035	P70		
54	291650007	KANSAS CITY POWER & LIGHT CO- IATAN	EP06	BOILER - FUEL OIL	X						4911	10100222	1						OP2009-009	P70		
55	291750001	ASSOCIATED ELECTRIC COOPERATIVE INC	EP01	UNIT #1 BOILER STACK				X			4911	10100223	1						OP2010-126	P70		
56	291750001	ASSOCIATED ELECTRIC COOPERATIVE INC	EP02	UNIT #2 BOILER STACK				X			4911	10100223	1						OP2010-126	P70		
57	291750001	ASSOCIATED ELECTRIC COOPERATIVE INC	EP03	UNIT #3 BOILER STACK	X						4911	10100222	1						OP2010-126	P70		
58	291830001	AMERENUE - SIOUX	B-1	BOILER 1				X			4911	10100801	1						OP2011-001	P70		
59	291830001	AMERENUE - SIOUX	B-2	BOILER 2				X			4911	10100801	1						OP2011-001	P70		
60	291890010	AMERENUE	001	BOILER 1, COAL	X						4911	10100226	1						OP2009-017	P70		
61	291890010	AMERENUE	002	BOILER #2 COAL 4567	X						4911	10100226	1						OP2009-017	P70		
62	291890010	AMERENUE	003	BOILER #3, COAL	X						4911	10100226	1						OP2009-017	P70		
63	291890010	AMERENUE	004	BOILER #4 COAL FIRED	X						4911	10100226	1						OP2009-017	P70		
64	291950010	MARSHALL MUNICIPAL UTILITIES	EP05	EP05, COAL OR NATURAL GAS FIRED				X			4911	10100202	1						OP2010-059	P70		
65	291950010	MARSHALL MUNICIPAL UTILITIES	EP04	EP04: NATURAL GAS, COAL OR REFUSE DERIVED WASTE FIRED	X						4911	10100204	1						OP2010-059	P70		
66	292010017	SIKESTON POWER STATION	01	DRY STACK	X						4911	10100222	1							P70		
67	295100038	TRIGEN-ST. LOUIS ENERGY CORP	EP1.1	#1 HEAT RECOVERY BOILER	X						4911	10100604	1							P70		
68	295100038	TRIGEN-ST. LOUIS ENERGY CORP	EP2.1	2 HEAT RECOVERY STEAM GENERATOR	X						4911	10100604	1							P70		
69	295100038	TRIGEN-ST. LOUIS ENERGY CORP	EP6	NO. 6 BOILER	X						4911	10100601	1							P70		
70	295100038	TRIGEN-ST. LOUIS ENERGY CORP	EP5	NO. 5 BOILER	X						4911	10100401	1							P70		
71	295100038	TRIGEN-ST. LOUIS ENERGY CORP	EP3.1	#3PACKAGE BOILER	X						4911	10100601	1							P70		
72	295100156	AMERICAN COMMERCIAL TERMINALS	1	ROTARY CAR DUMPER				X			1221	30501008	2						BAS			
73	295100156	AMERICAN COMMERCIAL TERMINALS	2	TRANSFER CHUTE FEEDER TO CIA CONVEYOR				X			1221	30501011	2						BAS			
74	295100156	AMERICAN COMMERCIAL TERMINALS	3	TRANSFER CHUTE C1A TO C1B CONVEYER				X			1221	30501011	2						BAS			
75	295100156	AMERICAN COMMERCIAL TERMINALS	4	TRANSFER CHUTE C1B TO C2				X			1221	30501011	2						BAS			
76	295100156	AMERICAN COMMERCIAL TERMINALS	5	TRANSFER CHUTE C2 TO C3 CONVEYOR				X			1221	30501011	2						BAS			
77	295100156	AMERICAN COMMERCIAL TERMINALS	7	TRANSFER CHUTE C3 TO C6 CONVEYOR				X			1221	30501011	2						BAS			
78	295100156	AMERICAN COMMERCIAL TERMINALS	10	TRANSFER CHUTE C1B TO C6 CONVEYOR				X			1221	30501011	2						BAS			
79	295100156	AMERICAN COMMERCIAL TERMINALS	11	transfer chute tripper to elevating conveyor				X			1221	30501011	2						BAS			
80	295100156	AMERICAN COMMERCIAL TERMINALS	12	ELVATING TRANSFER CHUTE TO BOOM CONVEYOR				X			1221	30501011	2						BAS			
81	295100156	AMERICAN COMMERCIAL TERMINALS	13	TRAN. BOOM CONV TO STORAGE PILE				X			1221	30501011	2						BAS			
82	295100156	AMERICAN COMMERCIAL TERMINALS	14	BUCKET WHEEL RECLAIMER				X			1221	30501011	2						BAS			
83	295100156	AMERICAN COMMERCIAL TERMINALS	15	TRANSFER CHUTE BOOM CONVEYER TO C3 CONVEYER				X			1221	30501011	2						BAS			
84	295100156	AMERICAN COMMERCIAL TERMINALS	16	TRAN CHUTE C6 TO LOADOUT CONVEYER				X			1221	30501011	2						BAS			
85	295100156	AMERICAN COMMERCIAL TERMINALS	17	TRANSFER CHUTE LOADOUT CONVEYOR TO BARGE				X			1221	30501011	2						BAS			
86	295100156	AMERICAN COMMERCIAL TERMINALS	9	RADIAL STACKER TO EMERGENCY STORAGE PILE				X			1221	30501011	2						BAS			
87	297770132	CONTINENTAL COAL INC	03	COAL CRUSHING	X						1221	30501060	2						NOP			
88	297770132	CONTINENTAL COAL INC	06	UNPAVED ROAD	X						1221	30501024	2						NOP			
89	297770132	CONTINENTAL COAL INC	07	UNPAVED ROAD, HAULING	X						1221	30501024	2						NOP			
90	297770132	CONTINENTAL COAL INC	08	OPEN STORAGE PILE	X						1221	30501051	2						NOP			
91	290310021	LONE STAR INDUSTRIES INC	RM31	HOPPER WEIGHT BELT (R-3202)	X						3241	30500612	4						OP2010-028	P70		
92	290310021	LONE STAR INDUSTRIES INC	RM30	RAW METERIAL STORAGE SILO (W-4505; W-4506)(FLY ASH)	X						3241	30500612	4						OP2010-028	P70		
93	290310021	LONE STAR INDUSTRIES INC	RM29A	RAW MATERIAL STORAGE SILOS (W-4501)(LIMESTONE)	X						3241	30500612	4						OP2010-028	P70		
94	290310021	LONE STAR INDUSTRIES INC	RM21	BARGE UNLOADING TO TRUCKS	X						3241	30500607	4						OP2010-028	P70		
95	290310021	LONE STAR INDUSTRIES INC	RM19	TRANSFER BELTS (W-4900; W-5000)	X						3241	30500612	4						OP2010-028	P70		
96	290310021	LONE STAR INDUSTRIES INC	KP17A	STORAGE SILOS (W-4508) (CLINKER #4)	X						3241	30500616	4						OP2010-028	P70		
97	290310021	LONE STAR INDUSTRIES INC	KP15B	TRANSFER BELT (W-7900)	X						3241	30500616	4						OP2010-028	P70		
98	290310021	LONE STAR INDUSTRIES INC	KP15A	HOPPER LOADING (W-8200)	X						3241	30500616	4						OP2010-028	P70		
99	290310021	LONE STAR INDUSTRIES INC	KP11A	ELEVATOR (KC-0601)	X						3241	30500616	4						OP2010-028	P70		
100	290310021	LONE STAR INDUSTRIES INC	KP 7B	CKD STORAGE SILO (KB-3800)	X					2	3241	30500612	4						OP2010-028	P70		
101	290310021	LONE STAR INDUSTRIES INC	KP 7A	TRUCK LOADING (KB-3821)	X						3241	30500612	4						OP2010-028	P70		

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102	290310021	LONE STAR INDUSTRIES INC	KP 4A	RAW BLEND ELEVATOR (KB-1600)	X							3241	30500612	4						OP2010-028	P70
103	290310021	LONE STAR INDUSTRIES INC	KP 3A	RAW BLEND SILOS (B-0701; B-0702; B-0703; B-0704)	X							3241	30500612	4						OP2010-028	P70
104	290310021	LONE STAR INDUSTRIES INC	KP 2A	KILN (KB-5100)	X							3241	30500623	4						OP2010-028	P70
105	290310021	LONE STAR INDUSTRIES INC	KP 1A	TRANSFER BELTS (R-3803; R-3700)	X							3241	30500612	4						OP2010-028	P70
106	290310021	LONE STAR INDUSTRIES INC	FM12	TRUCK/RAIL LOADING	X							3241	30500619	4						OP2010-028	P70
107	290310021	LONE STAR INDUSTRIES INC	FM11	CEMENT BINS (TRUCK)	X							3241	30500618	4						OP2010-028	P70
108	290310021	LONE STAR INDUSTRIES INC	FM10	BARGE LOADING (TL-0800)	X							3241	30500619	4						OP2010-028	P70
109	290310021	LONE STAR INDUSTRIES INC	FM 9	RIVER CEMENT SILOS (47-48)	X							3241	30500618	4						OP2010-028	P70
110	290310021	LONE STAR INDUSTRIES INC	FM 8A	DISTRIBUTION BOX (D-6900)	X							3241	30500619	4						OP2010-028	P70
111	290310021	LONE STAR INDUSTRIES INC	FM 7	TRANSFER BELTS (D-4100)	X							3241	30500619	4						OP2010-028	P70
112	290310021	LONE STAR INDUSTRIES INC	FM 6	OLD CEMENT SILOS (21-36)	X							3241	30500618	4						OP2010-028	P70
113	290310021	LONE STAR INDUSTRIES INC	FM 5A	CEMENT TRANSFER BELT (D-)	X							3241	30500619	4						OP2010-028	P70
114	290310021	LONE STAR INDUSTRIES INC	FM 5	CEMENT TRANSFER BELT (D-4800)	X							3241	30500619	4						OP2010-028	P70
115	290310021	LONE STAR INDUSTRIES INC	FM 4A	MASSONRY SILOS (37-46)	X							3241	30500618	4						OP2010-028	P70
116	290310021	LONE STAR INDUSTRIES INC	FM 3A2	SEPARATOR (F-9500)	X							3241	30500629	4						OP2010-028	P70
117	290310021	LONE STAR INDUSTRIES INC	FM 3A1	SEPARATOR (F-13500)	X							3241	30500629	4						OP2010-028	P70
118	290310021	LONE STAR INDUSTRIES INC	FM 2A	FINISH MILL #4 (F-8900)	X							3241	30500617	4						OP2010-028	P70
119	290310021	LONE STAR INDUSTRIES INC	FM 2	FINISH MILL #5 (F-12900)	X							3241	30500617	4						OP2010-028	P70
120	290310021	LONE STAR INDUSTRIES INC	KP18A	TRANSFER BELTS (KC-2600, KC-2620, KC-2630)	X							3241	30500616	4						OP2010-028	P70
121	290310021	LONE STAR INDUSTRIES INC	KP19A	TRANSFER EBLT (KC-3200)	X							3241	30500616	4						OP2010-028	P70
122	290310021	LONE STAR INDUSTRIES INC	KP20	TRANSFER BELT (KC-3600)	X							3241	30500616	4						OP2010-028	P70
123	290310021	LONE STAR INDUSTRIES INC	KP21	BUCKET ELEVATOR (KC-2550)	X							3241	30500616	4						OP2010-028	P70
124	290310021	LONE STAR INDUSTRIES INC	FM 4B	NEW CEMENT SILOS (37-46)	X							3241	30500618	4						OP2010-028	P70
125	290310021	LONE STAR INDUSTRIES INC	FM13	PLASTICIZER BIN	X							3241	30500618	4						OP2010-028	P70
126	290950030	LAFARGE NORTH AMERICA INC	EP35	FINISH MILL #2	X							3241	30500617	4	installed 1952, controlled by baghouse						P70
127	290950030	LAFARGE NORTH AMERICA INC	EP34	FINISH MILL #4	X							3241	30500617	4	installed 1954, controlled by baghouse						P70
128	290950030	LAFARGE NORTH AMERICA INC	EP27A	CLINKER RECLAIM STATION	X							3241	30500616	4	installed 1952-1954, controlled by fabric filters						P70
129	290950030	LAFARGE NORTH AMERICA INC	EP77	IN-LINE RAW MILL & PREHEATER/PRECALCINER ROTARY KILN; SOLID FUEL GRINDING	X							3241	30500623	4						P70	
130	290950030	LAFARGE NORTH AMERICA INC	EP86	FINISH MILL WEIGH HOPPERS	X							3241	30500628	4	installed as part of finish mills						P70
131	290950030	LAFARGE NORTH AMERICA INC	EP87	FINISH MILL	X							3241	30500627	4	installed as part of finish mills						P70
132	290950030	LAFARGE NORTH AMERICA INC	EP88	FINISH MILL ELEVATOR	X							3241	30500627	4	installed as part of finish mills						P70
133	290950030	LAFARGE NORTH AMERICA INC	EP89	CEMENT TRANSFER TO HEADHOUSE	X							3241	30500618	4	installed as part of process 1937-1960						P70
134	290950030	LAFARGE NORTH AMERICA INC	EP90	CEMENT SILO HEADHOUSE AND INTERSTICE	X							3241	30500618	4	installed as part of process 1937-1960						P70
135	290950030	LAFARGE NORTH AMERICA INC	EP93	CEMENT TRUCK DISTRIBUTION BOX	X							3241	30500619	4	installed as part of process 1937-1960						P70
136	290950030	LAFARGE NORTH AMERICA INC	EP96	CEMENT TRUCK LOADOUT #1	X							3241	30500619	4	installed as part of process 1937-1960						P70
137	290950030	LAFARGE NORTH AMERICA INC	EP97	CEMENT TRUCK LOADOUT #2	X							3241	30500619	4	installed as part of process 1937-1960						P70
138	290990002	RC CEMENT COMPANY INC	4-K-02	CEMENT KILNS (4001/4002)					X			3241	30500606	4	if kiln is BART eligible, than all related sources are also eligible however, facility replaced kilns with a new on						P70
139	290990002	RC CEMENT COMPANY INC	7-C-08	TRUCK LOADING SPOUT					X			3241	30500619	4						P70	
140	290990002	RC CEMENT COMPANY INC	7-C-07	BARGE LOADING SURGE BIN & AIR SLIDES/LOADING BOOM					X			3241	30500619	4	CP #122005-005						P70
141	290990002	RC CEMENT COMPANY INC	7-C-06	TO:CEMENT FROM BELT 1719 TO BELT 1720					X			3241	30500619	4						P70	
142	290990002	RC CEMENT COMPANY INC	7-C-05	TP:CEMENT STORAGE DOME LOADOUT:FEEDERS-BELT 1719					X			3241	30500619	4						P70	
143	290990002	RC CEMENT COMPANY INC	7-C-04	FILLING OF CEMENT STORAGE DOME					X			3241	30500619	4						P70	
144	290990002	RC CEMENT COMPANY INC	7-C-03	BARGE LOADING SPOUTS					X			3241	30500619	4						P70	
145	290990002	RC CEMENT COMPANY INC	7-C-02	CEMENT PUMPS					X			3241	30500619	4						P70	
146	290990002	RC CEMENT COMPANY INC	7-C-01	CEMENT STORAGE SILOS					X			3241	30500618	4						P70	
147	290990002	RC CEMENT COMPANY INC	6-F-06	F-K PUMP (#1 FINISH MILL ONLY)					X			3241	30500699	4						P70	
148	290990002	RC CEMENT COMPANY INC	6-F-05	#2 FINISH MILL AIR SEPARATORS (2905/2906)					X			3241	30500699	4						P70	
149	290990002	RC CEMENT COMPANY INC	6-F-04	#1 FINISH MILL AIR SEPARATORS(2903/2904)					X			3241	30500699	4						P70	
150	290990002	RC CEMENT COMPANY INC	6-F-03	FINISH MILLS ELEVATORS (2818/2818)					X			3241	30500699	4						P70	
151	290990002	RC CEMENT COMPANY INC	6-F-02	FINISH MILLS (3102/3103)					X			3241	30500617	4						P70	
152	290990002	RC CEMENT COMPANY INC	6-F-01	TP:CLINKER & GYPSUM FEEDERS TO BELTS 1717-8 & 1740					X			3241	30500616	4						P70	
153	290990002	RC CEMENT COMPANY INC	5-L-08	CLINKER STOCKPILE					X			3241	30500615	4						P70	
154	290990002	RC CEMENT COMPANY INC	5-L-06	CLINKER DRAG CONVEYORS-DISCHARGE IN STORAGE SILOS					X			3241	30500616	4						P70	
155	290990002	RC CEMENT COMPANY INC	5-L-05	CLINKER ELEVATORS (2810/2811)					X			3241	30500616	4						P70	
156	290990002	RC CEMENT COMPANY INC	5-L-04	TP:CLINKER FROM EL 2807/2808 TO EL 2810/2811					X			3241	30500616	4						P70	
157	290990002	RC CEMENT COMPANY INC	5-L-03A	TP:CLINKER FROM CONVEYOR TO ELEVATORS(2807/2808)					X			3241	30500616	4						P70	
158	290990002	RC CEMENT COMPANY INC	5-L-02	CLINKER CONVEYORS (3 TRANSFER POINTS)					X			3241	30500616	4						P70	
159	290990002	RC CEMENT COMPANY INC	5-L-01	CLINKER COOLERS (4101/4104)					X			3241	30500614	4						P70	
160	290990002	RC CEMENT COMPANY INC	4-K-06	WASTE DUST PELLETIZER					X			3241	30500699	4						P70	
161	290990002	RC CEMENT COMPANY INC	4-K-05	WASTE DUST STORAGE TANK					X			3241	30500699	4						P70	
162	290990002	RC CEMENT COMPANY INC	4-K-04	WASTE DUST TRUCK LOAD SPOUT					X			3241	30500699	4						P70	
163	290990002	RC CEMENT COMPANY INC	4-K-03</td																		

Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS
167	290990002	RC CEMENT COMPANY INC	3-G-08	RAW MILL #2 (3104)					X			3241	30500613	4						P70	
168	290990002	RC CEMENT COMPANY INC	3-G-07	RAW MILL #2 AIR SEPARATOR (2907)					X			3241	30500626	4						P70	
169	290990002	RC CEMENT COMPANY INC	3-G-06	TP:RAW MILL BIN FEEDERS ONTO BELT 1742 (2 PTS)					X			3241	30500612	4						P70	
170	290990002	RC CEMENT COMPANY INC	3-G-04	RAW MILL #1 (3101)					X			3241	30500613	4						P70	
171	290990002	RC CEMENT COMPANY INC	3-G-02B	AIR SLIDE(3204)&BELT DISCHARGE N2 ELEV.2803 & 2804					X			3241	30500612	4						P70	
172	290990002	RC CEMENT COMPANY INC	3-G-02A	RAW MILL #1 AIR SEPARATORS (2901/2902)					X			3241	30500626	4						P70	
173	290990002	RC CEMENT COMPANY INC	3-G-01	RAW MILL BIN FEEDERS TO BELTS 1711 & 1712; 3 PTS					X			3241	30500612	4						P70	
174	290990002	RC CEMENT COMPANY INC	2-R-12	TP:TRIPPERS DISCHARGE INTO RAW FEED BINS					X			3241	30500612	4						P70	
175	290990002	RC CEMENT COMPANY INC	2-R-11	TP:BELT 1703 TO BELT CONV&TRIP(1710/1732)					X			3241	30500612	4						P70	
176	290990002	RC CEMENT COMPANY INC	2-R-09A	SAND/BOTTOM ASH SCREENING					X			3241	30500611	4						P70	
177	290990002	RC CEMENT COMPANY INC	2-R-04D	SCREEN 1601 DISCHARGE ONTO BELTS 1703 & 1704					X			3241	30500612	4						P70	
178	290990002	RC CEMENT COMPANY INC	2-R-04C	SCREEN 1607 DISCHARGE ONTO BELTS 1703 & 1744					X			3241	30500612	4						P70	
179	290990002	RC CEMENT COMPANY INC	2-R-04B	SCREEN(1601)					X			3241	30500611	4						P70	
180	290990002	RC CEMENT COMPANY INC	2-R-03C	SECONDARY CRUSHERS DISCHARGE ONTO BELTS 1702&1743					X			3241	30500612	4						P70	
181	290990002	RC CEMENT COMPANY INC	2-R-03B	SECONDARY CRUSHERS(1402/1409)					X			3241	30500610	4						P70	
182	290990002	RC CEMENT COMPANY INC	2-R-03A	SURGE BIN FEEDERS					X			3241	30500612	4						P70	
183	290990002	RC CEMENT COMPANY INC	2-R-02	BELTS 1701&1704 DISCHARGE IN SURG BIN;1704 TO 1705					X			3241	30500612	4						P70	
184	290990002	RC CEMENT COMPANY INC	2-R-01	TP:PRIMARY CRUSHER SURGE BIN DISCHARGE-BELT 1701					X			3241	30500612	4						P70	
185	290990002	RC CEMENT COMPANY INC	1-Q-10	PRIMARY CRUSHER(1401)					X			3241	30500609	4						P70	
186	290990002	RC CEMENT COMPANY INC	4-K-07B	WASTE DUST TRANSFER POINT					X			3241	30500612	4						P70	
187	291630001	HOLCIM (US) INC	3	QUARRY - LOADING		X						3241	30500799	4						P70	
188	291630001	HOLCIM (US) INC	60	DOME CONVEYOR BELT					X			3241	30500719	4						P70	
189	291630001	HOLCIM (US) INC	57	CONVEYOR TRANSPORT SYSTEM					X			3241	30500712	4						P70	
190	291630001	HOLCIM (US) INC	49	BARGE LOADING/WEST TOWER					X			3241	30500719	4						P70	
191	291630001	HOLCIM (US) INC	48	BARGE LOADING/EAST TOWER					X			3241	30500719	4						P70	
192	291630001	HOLCIM (US) INC	47.1	BARGE LOADING STORAGE BIN BAGHOUSE					X			3241	30500719	4						P70	
193	291630001	HOLCIM (US) INC	45	TRUCK STORAGE BIN & LOADING BAGHOUSE					X			3241	30500718	4						P70	
194	291630001	HOLCIM (US) INC	44	60" BELT BAGHOUSE					X			3241	30500719	4						P70	
195	291630001	HOLCIM (US) INC	43	36" BELT BAGHOUSE					X			3241	30500719	4						P70	
196	291630001	HOLCIM (US) INC	42	SHIPPING SILO BAGHOUSE					X			3241	30500718	4						P70	
197	291630001	HOLCIM (US) INC	41	SHIPPING SILO BAGHOUSE					X			3241	30500718	4						P70	
198	291630001	HOLCIM (US) INC	40	SHIPPING SILO BAGHOUSE					X			3241	30500718	4						P70	
199	291630001	HOLCIM (US) INC	39	SHIPPING SILO BAGHOUSE					X			3241	30500718	4						P70	
200	291630001	HOLCIM (US) INC	28	DOME CLINKER RECLAIM HOPPER					X			3241	30500716	4						P70	
201	291630001	HOLCIM (US) INC	26	CLINKER RECLAIM HOPPER					X			3241	30500716	4						P70	
202	291630001	HOLCIM (US) INC	21	COOLER EXHAUST FAN STACK					X			3241	30500714	4						P70	
203	291630001	HOLCIM (US) INC	17	BEARDSLEY & PIPER MIXER					X			3241	30500799	4						P70	
204	291630001	HOLCIM (US) INC	16	WASTE DUST DISPOSAL SILO BAGHOUSE					X			3241	30500718	4						P70	
205	291630001	HOLCIM (US) INC	15	WASTE DUST STORAGE SILO BAGHOUSE					X			3241	30500718	4						P70	
206	291630001	HOLCIM (US) INC	14	MAIN STACK					X			3241	30500706	4						P70	
207	291630001	HOLCIM (US) INC	9.1	TRANSFER POINT					X			3241	30500710	4						P70	
208	291630001	HOLCIM (US) INC	8	CONVEYOR TRANSPORT					X			3241	30500712	4						P70	
209	291630001	HOLCIM (US) INC	6.1	STORAGE PILE - LIMESTONE - ACTIVITY PM10	X							3241	30500708	4						P70	
210	291630001	HOLCIM (US) INC	5	RAW MATERIAL UNLOADING	X							3241	30500707	4						P70	
211	291630001	HOLCIM (US) INC	6.3	STORAGE PILE - SHALE - ACTIVITY PM10	X							3241	30500708	4						P70	
212	291630001	HOLCIM (US) INC	9.2	TRANSFER POINT					X			3241	30500710	4						P70	
213	291630001	HOLCIM (US) INC	47.2	BARGE LOADIGN STORAGE BIN BAGHOUSE					X			3241	30500719	4						P70	
214	291630001	HOLCIM (US) INC	48.1	BARGE LOADING TOWER/EAST-EAST SPOUT					X			3241	30500719	4						P70	
215	291630001	HOLCIM (US) INC	48.2	BARGE LOADING TOWER/EAST - WEST SPOUT					X			3241	30500719	4						P70	
216	291630001	HOLCIM (US) INC	49.1	BARGE LOADING TOWER/WEST - EAST SPOUT					X			3241	30500719	4						P70	
217	291630001	HOLCIM (US) INC	49.2	BARGE LOADING TOWER/WEST - WEST SPOUT					X			3241	30500719	4						P70	
218	291630001	HOLCIM (US) INC	54-MGB	RAIL UNLOADING					X			3241	30500799	4						P70	
219	291730001	CONTINENTAL CEMENT COMPANY INC	RM21A	CLAY STORAGE PILE - UNDERGROUND MINE (ACTIVITY)		X						3241	30500708	4						OP2011-046	P70
220	291730001	CONTINENTAL CEMENT COMPANY INC	RM22A	CLAY STORAGE PILE _ OUTDOORS (ACTIVITY)		X						3241	30500708	4						OP2011-046	P70
221	291730001	CONTINENTAL CEMENT COMPANY INC	KP01	CEMENT KILN					X			3241	30500706	4						OP2011-046	P70
222	291730001	CONTINENTAL CEMENT COMPANY INC	CM05A	CLINKER STORAGE PILE IN STOCKHOUSE 5 (ACTIVITY)		X						3241	30500715	4						OP2011-046	P70
223	291730001	CONTINENTAL CEMENT COMPANY INC	CM01	CLINKER COOLER		X						3241	30500714	4						OP2011-046	P70
224	291730001	CONTINENTAL CEMENT COMPANY INC	CG19A	SYNTHETIC GYPSUM STORAGE PILE - OUTDOORS (ACTIVITY)		X						3241	30500708	4						OP2011-046	P70

Kiln is BART eligible
Therefore so is entire facility

BART eligible based on kiln

for emission unit. However,
kiln replaced by
CP #072007-008A

Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS		
225	291730001	CONTINENTAL CEMENT COMPANY INC	CG07A	GYPSUM STORAGE PILE - ACTIVITY		X						3241	30500708	4						OP2011-046	P70		
226	295100073	CONTINENTAL CEMENT COMPANY INC	EP06	BULK LOADING TO TRUCKS		X		X				3241	30500619	4	concrete storage facility	BAS							
227	295100073	CONTINENTAL CEMENT COMPANY INC	EP07	BULK LOADING OF CEMENT TRUCKS		X		X				3241	30500619	4	does not include applicable emission unit	BAS							
228	291430008	NORANDA ALUMINUM INC	EP-99	CARBON BAKE 2 STACKS (64 TOTAL)					X			3334	30300105	7							P70		
229	291430008	NORANDA ALUMINUM INC	EP-98	CARBON BAKE 1 STACKS (64 TOTAL)					X			3334	30300105	7							P70		
230	291430008	NORANDA ALUMINUM INC	EP-61	POTLINE I & II STACK					X			3334	30300101	7							P70		
231	291430008	NORANDA ALUMINUM INC	EP-60	POTLINE 2 ROOF VENT - FUGITIVE EMISSIONS						X		3334	30300108	7							P70		
232	291430008	NORANDA ALUMINUM INC	EP-59	POTLINE 1 ROOF VENT - FUGITIVE EMISSIONS					X			3334	30300108	7							P70		
233	291430008	NORANDA ALUMINUM INC	EP-AA	CARBON BAKE 3 STACK	X							3334	30300105	7							P70		
234	291430008	NORANDA ALUMINUM INC	EP-91	VENT FOR PITCH DAY TANK					X			3334	30300107	7							P70		
235	291430008	NORANDA ALUMINUM INC	EP-79	ANODE CLEANING STATION					X			3334	30300104	7	not a source of PM, SOX or NOX Six emission points with PTE below 250 TYP (PM10 = 9.1 tons) were included in the additional Q/D BART Analyses.							P70	
236	291430008	NORANDA ALUMINUM INC	EP-64	POTLINE 3 ROOF VENT - FUGITIVE EMISSIONS	X							3334	30300108	7								P70	
237	291430008	NORANDA ALUMINUM INC	EP-63	162 UNIT STACK	X							3334	30300101	7								P70	
238	291430008	NORANDA ALUMINUM INC	EP-62	161 UNIT STACK	X							3334	30300101	7								P70	
239	291430008	NORANDA ALUMINUM INC	EP-58	ELECTROLYTE RECOVERY	X							3334	30300104	7								P70	
240	291430008	NORANDA ALUMINUM INC	EP-50	ELECTROLYTE RECOVERY	X							3334	30300104	7								P70	
241	291430008	NORANDA ALUMINUM INC	EP-48	ELECTROLYTE RECOVERY	X							3334	30300104	7								P70	
242	291430008	NORANDA ALUMINUM INC	EP-46	ELECTROLYTE RECOVERY	X							3334	30300104	7								P70	
243	291430008	NORANDA ALUMINUM INC	EP-47	ELECTROLYTE RECOVERY	X							3334	30300104	7								P70	
244	290930009	DOE RUN COMPANY	EP-20	NA2CO3 SILO BAGHOUSE					X			3339	30107002	10	Facility was modeled and results indicated 99% of impacts are mostly from SO4. Modeling showed impacts below 0.5 deciviews.							P70	
245	290952172	MARTEC SCIENTIFIC	EP5	Lab	X			X				2834	30107001	10								NOP	
246	290990003	DOE RUN COMPANY	EP020	ACID PLANT PROCESS EQUIPMENT					X			3339	30102399	10	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.							P70	
247	290990003	DOE RUN COMPANY	EP199	PLANTWIDE RESUSPENSION/LOADING					X			3339	30102320	10	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.							P70	
248	291270001	BASF AGRI CHEMICALS	PR-51	SAR STACK	X							2879	30102304	10	Exempt by date							P70	
249	291630031	DYNO NOBEL INC	E01	AMMONIA OXIDATION PROCESS					X			2873	30101301	10	not a source of PM, SOX or NOX							P70	
250	291630031	DYNO NOBEL INC	E14	NITRIC ACID CONCENTRATOR					X			2873	30101304	10	not a source of PM, SOX or NOX							P70	
251	291630031	DYNO NOBEL INC	E02	NITRIC ACID STORAGE/BLEND					X			2873	30101399	10	not a source of PM, SOX or NOX							P70	
252	295100809	PQ CORPORATION (THE)	EP102	MILL HEATER	X							2819	30107002	10							P70		
253	295100809	PQ CORPORATION (THE)	EP104	SILO/CYCLONE	X							2819	30107002	10							P70		
254	290270001	HARBISON-WALKER REFRactories	E-0001	CALCINING OPERATION: ROTARY KILN STACK	X							3255	30501604	12								P70	
255	290310054	FOAMEX L.P.	04B	BANBURY NO. 2 MIXER	X			X				3069	30501615	12								BAS	
256	290310054	FOAMEX L.P.	04A	BANBURY NO. 1 MIXER	X			X				3069	30501615	12								BAS	
257	290470002	NATIONAL STARCH & CHEMICAL CO	EP40	SODIUM SULFATE UNLOADING	X							2046	30501608	12								INT	
258	290472227	WATER SUPPLY DIVISION	EP-7	Lime Handling & Transfer (2 drops)			X					4941	30501615	12								Local	
259	290650038	ROYAL OAK ENTERPRISES INC	EP10	TRANSFER MATERIAL MIXTURE	X			X				2861	30501607	12								OP2009-005	
260	290770001	MISSISSIPPI LIME CO	13-02	PARSONS VERTICAL KILN				X				3274	30501603	12								OB 6/2007	
261	290770001	MISSISSIPPI LIME CO	13-04	LIME MATERIAL TRANSFER				X				3274	30501607	12								OB 6/2007	
262	290770001	MISSISSIPPI LIME CO	17-01	LIME HYDRATION				X				3274	30501609	12								OB 6/2007	
263	290770001	MISSISSIPPI LIME CO	17-02	HYDRATE MATERIAL HANDLING				X				3274	30501607	12								OB 6/2007	
264	290770001	MISSISSIPPI LIME CO	17-03	HYDRATE MAT. HANDLING/CONVEYOR				X				3274	30501607	12								OB 6/2007	
265	290770001	MISSISSIPPI LIME CO	18-02	LIME PACKAGING				X				3274	30501614	12								OB 6/2007	
266	290770001	MISSISSIPPI LIME CO	27-01	LIME TRANSFER				X				3274	30501607	12								OB 6/2007	
267	290770001	MISSISSIPPI LIME CO	27-04	LIME CRUSHING				X				3274	30501607	12								OB 6/2007	
268	290770001	MISSISSIPPI LIME CO	27-05	LIME TRANSFER				X				3274	30501607	12								OB 6/2007	
269	290770001	MISSISSIPPI LIME CO	27-01C	LIME TRANSFER				X				3274	30501607	12								OB 6/2007	
270	290970005	PCS PHOSPHATE COMPANY INC	EP-008	SLURRY MIXER PCS #3083				X				2874	30501609	12								BAS	
271	291030003	KELLY LIMESTONE LLC	PP9	PELLET DRYER #2				X				1422	30501606	12								OP2010-118	
272	291250001	KINGSFORD MANUFACTURING CO	27	DUST COLLECTOR - BRIQUET PACKAGING	X							2861	30501607	12	Exempt by date							OP2010-118	P70
273	291250001	KINGSFORD MANUFACTURING CO	24	DUST COLLECTOR - BRIQUET TRANSFER	X							2861	30501607	12	Exempt by date							OP2010-118	P70
274	291250001	KINGSFORD MANUFACTURING CO	11	LIME UNLOADING, STORAGE & HANDLING	X							2861	30501608	12	Exempt by date							OP2010-118	P70
275	291250001	KINGSFORD MANUFACTURING CO	7	DUST COLLECTOR - RAW MATERIAL INFED	X							2861	30501607	12	Exempt by date							OP2010-118	P70
276	291270062	ALPHARMA INC	AFI-11	LIME STORAGE SILO BAGHOUSE				X				2833	30501626	12								OB 4/2003	
277	291270062	ALPHARMA INC	AFI-12	LIME HOPPER				X				2833	30501626	12								OB 4/2003	
278	291270062	ALPHARMA INC	AFI-13	DICALITE/LIME/RAW MATERIAL SLURRY TANK BAGHOUSE				X				2833	30501626	12								OB 4/2003	
279	291390008	CHRISTY MINERALS CO	1012CH	COAL FIRED ROTARY CALCINER - HIGH BURN	X	X						3295	30501604	12								OP2010-021	P70
280	291550067	CHEMICAL LIME COMPANY	EP-8	Belt Conveyor	X							5032	30501615	12								BAS	
281	291550067	CHEMICAL LIME COMPANY	EP-9	Bucket Elevator	X							5032	30501615	12								BAS	
282	291550067	CHEMICAL LIME COMPANY	EP-10A	Truck Loadout (enclosed truck)	X							5032	30501626	12								BAS	
283	291770037	ORBSEAL LLC	EP10	SEALANT AND ADHESIVE BATCH MIXERS				X				2891	30501615	12								BAS	
284	291860001																						

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286	291860001	MISSISSIPPI LIME COMPANY	EP-070	PEERLESS ROTARTY - KILN #5				X				3274	30501621	12						P70	
287	291860001	MISSISSIPPI LIME COMPANY	EP-071	PEERLESS ROTARY - KILN #6				X				3274	30501621	12						P70	
288	291860001	MISSISSIPPI LIME COMPANY	EP-153B	MVPCC DOUBLE SPOUT BAGGER	X							3274	30501614	12						P70	
289	291860001	MISSISSIPPI LIME COMPANY	EP-153J	BAGGER BIN	X							3274	30501613	12						P70	
290	291860001	MISSISSIPPI LIME COMPANY	EP-065	PEERLESS ROTARTY - KILN #2			X					3274	30501621	12						P70	
291	291860001	MISSISSIPPI LIME COMPANY	EP-067	PEERLESS ROTARY COOLER - PCR#2			X					3274	30501611	12						P70	
292	291860001	MISSISSIPPI LIME COMPANY	EP-070A	SPALL CONVEYOR				X				3274	30501699	12						P70	
293	291860001	MISSISSIPPI LIME COMPANY	EP-070B	SPALL HOPPER TRUCK LOADOUT				X				3274	30501699	12						P70	
294	291860001	MISSISSIPPI LIME COMPANY	EP-070C	DOC LOADOUTS				X				3274	30501699	12						P70	
295	291860001	MISSISSIPPI LIME COMPANY	EP-101F	SCREEN	X							3274	30501630	12						P70	
296	291860001	MISSISSIPPI LIME COMPANY	EP-072	PEERLESS ROTARY COOLER PRC#3	X							3274	30501611	12						P70	
297	291860001	MISSISSIPPI LIME COMPANY	EP-073	PEERLESS ROTARY COOLER PRC#4	X							3274	30501611	12						P70	
298	291860001	MISSISSIPPI LIME COMPANY	EP-074	PEERLESS ROTARY COOLER PRC#5				X				3274	30501611	12						P70	
299	291860001	MISSISSIPPI LIME COMPANY	EP-075	PEERLESS ROTARY COOLER PRC#6				X				3274	30501611	12						P70	
300	291860001	MISSISSIPPI LIME COMPANY	EP-083A	PEERLESS PRODUCT HANDLING CONVEYORS				X				3274	30501615	12						P70	
301	291860001	MISSISSIPPI LIME COMPANY	EP-083	PEERLESS LIME ELEVATOR #1				X				3274	30501615	12						P70	
302	291860001	MISSISSIPPI LIME COMPANY	EP-084	PEERLESS LIME ELEVATOR #2				X				3274	30501615	12						P70	
303	291860001	MISSISSIPPI LIME COMPANY	EP-085	PEERLESS LIME ELEVATOR #3				X				3274	30501615	12						P70	
304	291860001	MISSISSIPPI LIME COMPANY	EP-086	PEERLESS LIME SCREEN #1			X					3274	30501630	12						P70	
305	291860001	MISSISSIPPI LIME COMPANY	EP-087	PEERLESS LIME SCREEN #2			X					3274	30501630	12						P70	
306	291860001	MISSISSIPPI LIME COMPANY	EP-088	PEERLESS LIME SCREEN #3			X					3274	30501630	12						P70	
307	291860001	MISSISSIPPI LIME COMPANY	EP-088A	PEERLESS LIME TRUCK/RAIL LOADOUT BINS (15)			X					3274	30501613	12						P70	
308	291860001	MISSISSIPPI LIME COMPANY	EP-088C	PEERLESS HAMMERMILL CRUSHER				X				3274	30501631	12						P70	
309	291860001	MISSISSIPPI LIME COMPANY	EP-088D	PEERLESS LIME MILL FEED BIN				X				3274	30501613	12						P70	
310	291860001	MISSISSIPPI LIME COMPANY	EP-089	PEERLESS PQL ROLLER MILL	X							3274	30501632	12						P70	
311	291860001	MISSISSIPPI LIME COMPANY	EP-090A	PEERLESS PQL LIME SILO	X							3274	30501613	12						P70	
312	291860001	MISSISSIPPI LIME COMPANY	EP-090B	PEERLESS FK PUMP	X							3274	30501613	12						P70	
313	291860001	MISSISSIPPI LIME COMPANY	EP-091	PEERLESS LIME LOADOUTS (3) TRUCK/RAIL	X							3274	30501626	12						P70	
314	291860001	MISSISSIPPI LIME COMPANY	EP-106	MISSISSIPPI VERTICAL - KILN #2			X					3274	30501603	12						P70	
315	291860001	MISSISSIPPI LIME COMPANY	EP-107	MISSISSIPPI VERTICAL - KILN #3			X					3274	30501603	12						P70	
316	291860001	MISSISSIPPI LIME COMPANY	EP-108	MISSISSIPPI VERTICAL - KILN #4			X					3274	30501603	12						P70	
317	291860001	MISSISSIPPI LIME COMPANY	EP-109	MISSISSIPPI VERTICAL - KILN #5			X					3274	30501603	12						P70	
318	291860001	MISSISSIPPI LIME COMPANY	EP-111	MISSISSIPPI VERTICAL - KILN #7			X					3274	30501603	12						P70	
319	291860001	MISSISSIPPI LIME COMPANY	EP-112	MISSISSIPPI VERTICAL - KILN #8			X					3274	30501603	12						P70	
320	291860001	MISSISSIPPI LIME COMPANY	EP-115	MISSISSIPPI VERTICAL - KILN #11			X					3274	30501603	12						P70	
321	291860001	MISSISSIPPI LIME COMPANY	EP-116	MISSISSIPPI VERTICAL - KILN #12			X					3274	30501603	12						P70	
322	291860001	MISSISSIPPI LIME COMPANY	EP-117	MISSISSIPPI VERTICAL - KILN #13			X					3274	30501603	12						P70	
323	291860001	MISSISSIPPI LIME COMPANY	EP-118	MISSISSIPPI VERTICAL - KILN #14			X					3274	30501603	12						P70	
324	291860001	MISSISSIPPI LIME COMPANY	EP-119	MISSISSIPPI VERTICAL - KILN #15			X					3274	30501603	12						P70	
325	291860001	MISSISSIPPI LIME COMPANY	EP-120	MISSISSIPPI VERTICAL - KILN #16			X					3274	30501603	12						P70	
326	291860001	MISSISSIPPI LIME COMPANY	EP-124A	FORKINGS BUCKET ELEVATOR			X					3274	30501615	12						P70	
327	291860001	MISSISSIPPI LIME COMPANY	EP-124B	FORKINGS HOPPER			X					3274	30501615	12						P70	
328	291860001	MISSISSIPPI LIME COMPANY	EP-125A	MVK LIME HOPPERS FOR KILNS NO. 1-20			X					3274	30501613	12						P70	
329	291860001	MISSISSIPPI LIME COMPANY	EP-125B	MVK LIME DUMP HOPPER			X					3274	30501613	12						P70	
330	291860001	MISSISSIPPI LIME COMPANY	EP-125C	MVK LIME PAN CONVEYOR			X					3274	30501615	12						P70	
331	291860001	MISSISSIPPI LIME COMPANY	EP-126A	MVK LIME BUCKET ELEVATOR			X					3274	30501615	12						P70	
332	291860001	MISSISSIPPI LIME COMPANY	EP-126B	MVK LIME HAMMERMILL CRUSHER			X					3274	30501631	12						P70	
333	291860001	MISSISSIPPI LIME COMPANY	EP-127A	MVPQL TRACK BIN NO.6			X					3274	30501613	12						P70	
334	291860001	MISSISSIPPI LIME COMPANY	EP-128	MVPQL BAGGING OPERATION	X						6	3274	30501614	12						P70	

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335	291860001	MISSISSIPPI LIME COMPANY	EP-129B	MVPQL RAIL LOADOUT	X							3274	30501626	12						P70	
336	291860001	MISSISSIPPI LIME COMPANY	EP-130	LIME SILO NO.1	X							3274	30501613	12						P70	
337	291860001	MISSISSIPPI LIME COMPANY	EP-132	LIME SILO NO.3	X							3274	30501613	12						P70	
338	291860001	MISSISSIPPI LIME COMPANY	EP-133C	RAIL LOADOUT	X							3274	30501626	12						P70	
339	291860001	MISSISSIPPI LIME COMPANY	EP-135A	LIME FEED BIN - MVH #1	X							3274	30501613	12						P70	
340	291860001	MISSISSIPPI LIME COMPANY	EP-135	HYDRATOR EXHAUST - MVH #1	X							3274	30501609	12						P70	
341	291860001	MISSISSIPPI LIME COMPANY	EP-137A	SOUTH BULK LOADOUT	X							3274	30501613	12						P70	
342	291860001	MISSISSIPPI LIME COMPANY	EP-139A	LIME FEED BINS (2) - MVH #2	X							3274	30501613	12						P70	
343	291860001	MISSISSIPPI LIME COMPANY	EP-139	HYDRATOR EXHAUST - MVH #2	X							3274	30501609	12						P70	
344	291860001	MISSISSIPPI LIME COMPANY	EP-141B	STORAGE BINS NOS. 1 THROUGH 6	X							3274	30501613	12						P70	
345	291860001	MISSISSIPPI LIME COMPANY	EP-141D	4-SPOUT BAGGER	X							3274	30501614	12						P70	
346	291860001	MISSISSIPPI LIME COMPANY	EP-153A	MVPC FINISH BINS (NOS. 1 THROUGH 4)	X							3274	30501613	12						P70	
347	291860001	MISSISSIPPI LIME COMPANY	EP-180H	MISSISSIPPI ROTARY KILN#5 (MRK-5)	X							3274	30501621	12						P70	
348	291860001	MISSISSIPPI LIME COMPANY	EP-181H	MISSISSIPPI ROTARY KILN#6 (MRK-6)	X							3274	30501621	12						P70	
349	291860001	MISSISSIPPI LIME COMPANY	EP-182H	MISSISSIPPI KILN#7 (MRK-7)	X							3274	30501621	12						P70	
350	291860001	MISSISSIPPI LIME COMPANY	EP-183H	MISSISSIPPI ROTARY KILN #8 (MRK-8)	X							3274	30501621	12						P70	
351	291860001	MISSISSIPPI LIME COMPANY	EP-183I	DROP OUT CHAMBER LOADOUTS (6)	X							3274	30501699	12						P70	
352	291860001	MISSISSIPPI LIME COMPANY	EP-184A	MRK CONVEYOR NO.1A	X							3274	30501615	12						P70	
353	291860001	MISSISSIPPI LIME COMPANY	EP-184B	MRK CONVEYOR NO.2A	X							3274	30501615	12						P70	
354	291860001	MISSISSIPPI LIME COMPANY	EP-184C	MRK CONVEYOR NO.3A	X							3274	30501615	12						P70	
355	291860001	MISSISSIPPI LIME COMPANY	EP-184D	WEST BUCKET ELEVATOR	X							3274	30501615	12						P70	
356	291860001	MISSISSIPPI LIME COMPANY	EP-184E	WEST SCREEN	X							3274	30501630	12						P70	
357	291860001	MISSISSIPPI LIME COMPANY	EP-184F	MRK CONVEYOR NO.4A	X							3274	30501615	12						P70	
358	291860001	MISSISSIPPI LIME COMPANY	EP-186N	MISSISSIPPI ROTARY KILN #9 (MRK-9)	X							3274	30501621	12						P70	
359	291860001	MISSISSIPPI LIME COMPANY	EP-187N	MISSISSIPPI ROTARY KILN #10 (MRK-10)	X							3274	30501621	12						P70	
360	291860001	MISSISSIPPI LIME COMPANY	EP-188A	WEST CONVEYOR	X							3274	30501615	12						P70	
361	291860001	MISSISSIPPI LIME COMPANY	EP-188B	NORTH CONVEYOR	X							3274	30501615	12						P70	
362	291860001	MISSISSIPPI LIME COMPANY	EP-188C	CRUSHER (IMPACT)	X							3274	30501631	12						P70	
363	291860001	MISSISSIPPI LIME COMPANY	EP-188D	CRUSHER FEEDER	X							3274	30501615	12						P70	
364	291860001	MISSISSIPPI LIME COMPANY	EP-203A	1" PEBBLE LIME BIN	X							3274	30501613	12						P70	
365	291860001	MISSISSIPPI LIME COMPANY	EP-203A	SOUTH 1" CONVEYOR	X							3274	30501615	12						P70	
366	291860001	MISSISSIPPI LIME COMPANY	EP-203AB	NORTH 1" CONVEYOR	X							3274	30501615	12						P70	
367	291860001	MISSISSIPPI LIME COMPANY	EP-203B	2" PEBBLE LIME BIN	X							3274	30501613	12						P70	
368	291860001	MISSISSIPPI LIME COMPANY	EP-203C	1/2" PEBBLE LIME BIN	X							3274	30501613	12						P70	
369	291860001	MISSISSIPPI LIME COMPANY	EP-203E	FINES LIME BIN	X							3274	30501613	12						P70	
370	291860001	MISSISSIPPI LIME COMPANY	EP-203G	FINES RAIL TRUCK LOADOUT SOUTH (ONLY)	X							3274	30501626	12						P70	
371	291860001	MISSISSIPPI LIME COMPANY	EP-204A	1" RAIL TRUCK LOADOUT NORTH & SOUTH	X							3274	30501626	12						P70	
372	291860001	MISSISSIPPI LIME COMPANY	EP-204B	2" RAIL TRUCK LOADOUT NORTH & SOUTH	X							3274	30501626	12						P70	
373	291860001	MISSISSIPPI LIME COMPANY	EP-204C	1/2" RAIL TRUCK LOADOUT NORTH & SOUTH	X							3274	30501626	12						P70	
374	291860001	MISSISSIPPI LIME COMPANY	EP-205	LIME STORAGE BIN (NORTH & SOUTH) - MRH#2 & MRH#3	X							3274	30501613	12						P70	
375	291860001	MISSISSIPPI LIME COMPANY	EP-205C	RAILCAR UNLOADING - MRH#2 & MRH#3	X							3274	30501626	12						P70	
376	291860001	MISSISSIPPI LIME COMPANY	EP-205D	LIME CRUSHER - MRH#2 & MRH#3	X							3274	30501631	12						P70	
377	291860001	MISSISSIPPI LIME COMPANY	EP-206	HYDRATOR EXHAUST - MRH#1	X							3274	30501609	12						P70	
378	291860001	MISSISSIPPI LIME COMPANY	EP-209	HYDRATOR EXHAUST - MRH#2	X							3274	30501609	12						P70	
379	291860001	MISSISSIPPI LIME COMPANY	EP-212	HYDRATOR EXHAUST - MRH#3	X							3274	30501609	12						P70	
380	291860001	MISSISSIPPI LIME COMPANY	EP-215	HYDRATE SILO (SOUTH) - MRH#2 & MRH#3	X							3274	30501613	12						P70	
381	291860001	MISSISSIPPI LIME COMPANY	EP-216	HYDRATE SILO (NORTH) - MRH#2 & MRH#3	X							3274	30501613	12						P70	
382	291860001	MISSISSIPPI LIME COMPANY	EP-217	HYDRATE TRUCK AND RAIL LOADOUT - MRH#2 & MRH#3	X							3274	30501626	12						P70	
383	291860001	MISSISSIPPI LIME COMPANY	EP-218	HYDRATE SILO (EAST & WEST) - MRH#2 & MRH#3	X							3274	30501613	12						P70	
384	291860001	MISSISSIPPI LIME COMPANY	EP-220	HYDRATE TRUCK LOADOUT - MRH#2 & MRH#3	X							3274	30501626	12						P70	
385	291860001	MISSISSIPPI LIME COMPANY	EP-221A	FK FEED BIN - MRH#1	X							3274	30501613	12						P70	
386	291860001	MISSISSIPPI LIME COMPANY	EP-223	HYDRATE TRUCK AND RAIL LOADOUT - MRH#1	X							3274	30501626	12						P70	
387	291860001	MISSISSIPPI LIME COMPANY	EP-227	PCC TRUCK AND RAIL LOADOUT - MRPCC#1	X							3274	30501626	12						P70	
388	291860001	MISSISSIPPI LIME COMPANY	EP-228	WEIGH HOPPER - MRPCC#2	X							3274	30501613	12						P70	
389	291860001	MISSISSIPPI LIME COMPANY	EP-230B	PRODUCT SILO - MPRCC#2	X							3274	30501613	12						P70	
390	291860001	MISSISSIPPI LIME COMPANY	EP-289	MAERZ VERTICAL KILN	X							3274	30501623	12						P70	
391	291860001	MISSISSIPPI LIME COMPANY	EP-127C	MVPQL TRACK BINS NOS. 1-5	X							3274	30501613	12						P70	
392	291860001	MISSISSIPPI LIME COMPANY	EP-380	SS VERTICAL KILN	X							3274	30501623	12						P70	
393	291860001	MISSISSIPPI LIME COMPANY	EP-460	FEED TO 100 TON HYDRATE SILOS #1 & 2	X							3274	30501613	12						P70	
394	291860001	MISSISSIPPI LIME COMPANY	EP-464	HYDRATE 25 TON SURGE HOPPER	X							3274	30501613	12						P70	
395	291860001	MISSISSIPPI LIME COMPANY	EP-465	HYDRATE BAGGING SYSTEM	X							3274	30501613	12						P70	
396	291860035	CHEMICAL LIME COMPANY	8	TP8-BC-308-N.PILE	X							3274	30501607	12						OP2010-016	P70
397	291860035																				

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408	291860035	CHEMICAL LIME COMPANY	87	CHAT BIN SCREEN	X							3274	30501602	12						OP2010-016	P70
409	291860035	CHEMICAL LIME COMPANY	88	LIME SILO SCREEN	X							3274	30501602	12						OP2010-016	P70
410	291860035	CHEMICAL LIME COMPANY	90	TP67: T.R. HOPPER - BC305	X							3274	30501607	12						OP2010-016	P70
411	291860035	CHEMICAL LIME COMPANY	92	TP69:BC461-LIME SCREEN	X							3274	30501607	12						OP2010-016	P70
412	291860035	CHEMICAL LIME COMPANY	47A	TRANSFER POINT (TP47): BC535 TO BC538	X							3274	30501607	12						OP2010-016	P70
413	291860035	CHEMICAL LIME COMPANY	58	TRANSFER POINT (TP56): RAIL HOPPER TO BV603	X							3274	30501607	12						OP2010-016	P70
414	291870002	VESSELL MINERAL PRODUCTS	015	SPAR-LIME STORAGE AND HANDLING		X						3255	30501610	12							P70
415	291870002	VESSELL MINERAL PRODUCTS	010	ROTARY KILN	X							3255	30501618	12							P70
416	292130007	ROYAL OAK ENTERPRISES	EP-34	BRIQUETTING	X							2861	30501602	12							
417	292130007	ROYAL OAK ENTERPRISES	EP-30	CONVEYING (STARCH/LIME)	X							2861	30501607	12						INT	OP2007-059
418	292130007	ROYAL OAK ENTERPRISES	EP-29	HOPPER LOADOUT (STARCH/LIME)	X							2861	30501607	12						INT	OP2007-059
419	292130007	ROYAL OAK ENTERPRISES	EP-26	CONVEYING (SAWDUST/COAL/LIME)	X							2861	30501607	12						INT	OP2007-059
420	292130007	ROYAL OAK ENTERPRISES	EP-25	BIN LOADOUT (SAWDUST/COAL/LIME)	X							2861	30501607	12						INT	OP2007-059
421	292130007	ROYAL OAK ENTERPRISES	EP-23	CONVEYING (SAWDUST/COAL/LIME)	X							2861	30501607	12						INT	OP2007-059
422	292130007	ROYAL OAK ENTERPRISES	EP-22	PULVERIZING (SAWDUST/COAL/LIME)	X							2861	30501602	12						INT	OP2007-059
423	292130007	ROYAL OAK ENTERPRISES	EP-21	CONVEYING (SAWDUST/COAL/LIME)	X							2861	30501607	12						INT	OP2007-059
424	292130007	ROYAL OAK ENTERPRISES	EP-20	HOPPER LOADOUT (SAWDUST/COAL/LIME)	X							2861	30501607	12						INT	OP2007-059
425	292130007	ROYAL OAK ENTERPRISES	EP-17	CONVEYING (SAWDUST/COAL/LIME)	X							2861	30501607	12						INT	OP2007-059
426	292130007	ROYAL OAK ENTERPRISES	EP-11	CONVEYING	X							2861	30501607	12						INT	OP2007-059
427	292130007	ROYAL OAK ENTERPRISES	EP-10	BIN LOADOUT (CHARCOAL)	X							2861	30501607	12						INT	OP2007-059
428	292130007	ROYAL OAK ENTERPRISES	EP-09	BUCKET ELEVATOR (CHARCOAL)	X							2861	30501607	12						INT	OP2007-059
429	292130007	ROYAL OAK ENTERPRISES	EP-06	PULVERIZING (CHARCOAL)		X						2861	30501602	12						INT	OP2007-059
430	292130007	ROYAL OAK ENTERPRISES	EP-05	CONVEYING CHARCOAL	X							2861	30501607	12						INT	OP2007-059
431	292130007	ROYAL OAK ENTERPRISES	EP-04	HOPPER LOADOUT	X							2861	30501607	12						INT	OP2007-059
432	292130007	ROYAL OAK ENTERPRISES	EP-07-08	CONVEYING (CHARCOAL)	X							2861	30501607	12						INT	OP2007-059
433	291430008	NORANDA ALUMINUM INC	EP-75	ANODE PASTE MIXER EXHAUST	X							3334	30300312	14							
434	290930008	DOE RUN COMPANY	28	IN PLANT VEHICLE TRAFFIC			X					3339	30301005	17							OB 12/2003
435	290930008	DOE RUN COMPANY	27	SINTER PLANT VENTILATION BAGHOUSE STACK			X					3339	30301001	17							OB 12/2003
436	290930008	DOE RUN COMPANY	20	UNLOADING BUILDING FUGITIVES			X					3339	30301005	17							OB 12/2003
437	290930008	DOE RUN COMPANY	15	BLAST FURNACE BAGHOUSE CELLAR CLEANOUT (FUGITIVES)			X					3339	30301099	17							OB 12/2003
438	290930008	DOE RUN COMPANY	14	BLAST FURNACE BAGHOUSE SPRAY CHAMBER CLEANOUT			X					3339	30301099	17							OB 12/2003
439	290930008	DOE RUN COMPANY	11	REFINERY BUILDING FUGITIVES (LEAD REFINING)			X					3339	30301022	17							OB 12/2003
440	290930008	DOE RUN COMPANY	10	REFINERY KETTLE COMBUSTION STACK			X					3339	30301022	17							OB 12/2003
441	290930008	DOE RUN COMPANY	9	HOT SLAG DUMPING FUGITIVE EMISSIONS			X					3339	30301021	17							OB 12/2003
442	290930008	DOE RUN COMPANY	8	BLAST FURNACE DROSS KETTLE COMBUSTION STACK			X					3339	30301009	17							OB 12/2003
443	290930008	DOE RUN COMPANY	7	BLAST FURNACE PROCESS BUILDING FUGITIVES			X					3339	30301019	17							OB 12/2003
444	290930008	DOE RUN COMPANY	4	BLAST FURNACE BAGHOUSE STACK (PARTICULATES)			X					3339	30301002	17							OB 12/2003
445	290930008	DOE RUN COMPANY	1	SINTER PLANT - BAGHOUSE STACK (PARTICULATES)			X					3339	30301001	17							OB 12/2003
446	290930009	DOE RUN COMPANY	EP-32	LABORATORY BAGHOUSE				X				3339	30301099	17	Facility was modeled and results indicated 99% of impacts are mostly from SO4. Modeling showed impacts below 0.5 deciviews.						P70
447	290930009	DOE RUN COMPANY	EP-13	OPEN STORAGE FUGITIVES				X				3339	30301012	17	Facility was modeled and results indicated 99% of impacts are mostly from SO4. Modeling showed impacts below 0.5 deciviews.						P70
448	290930009	DOE RUN COMPANY	EP-12	REFINERY FUGITIVES				X				3339	30301022	17	Facility was modeled and results indicated 99% of impacts are mostly from SO4. Modeling showed impacts below 0.5 deciviews.						P70
449	290930009	DOE RUN COMPANY	EP-11	DROSS PLANT FUGITIVES				X				3339	30301009	17	Facility was modeled and results indicated 99% of impacts are mostly from SO4. Modeling showed impacts below 0.5 deciviews.						P70
450	290930009	DOE RUN COMPANY	EP-10	BLAST FURNACE FUGITIVES				X				3339	30301019	17	Facility was modeled and results indicated 99% of impacts are mostly from SO4. Modeling showed impacts below 0.5 deciviews. This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.						P70
451	290990003	DOE RUN COMPANY	EP059	BLAST FURNACE OPERATION					X			3339	30301002	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.						P70
452	290990003	DOE RUN COMPANY	EP058	DROSS TRANSFER/STORAGE				X				3339	30301012	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.						P70
453	290990003	DOE RUN COMPANY	EP056	BLAST FURNACE SLAG UNLOADING				X				3339	30301099	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.						P70
454	290990003	DOE RUN COMPANY	EP055	SECONDARIES UNLOADING				X				3339	30301012	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.						P70
455	290990003	DOE RUN COMPANY	EP015	BLAST FURNACE ROOF MONITOR				X				3339	30301018	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.						P70

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456	290990003	DOE RUN COMPANY	EP001B	RAILCAR UNLOADING - FUME				X				3339	30301011	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.					P70		
457	290990003	DOE RUN COMPANY	EP029B-36B	REFINERY KETTLE HEAT STACKS 1-8				X				3339	30301022	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.					P70		
458	290990003	DOE RUN COMPANY	EP061	SINTER PLANT MIX ROOM - UNLOADING				X				3339	30301026	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.					P70		
459	290990003	DOE RUN COMPANY	EP062	SECONDARIES RAIL LOADING				X				3339	30301016	17	This Facility will be closed due to a consent agreement between EPA and company. Additional Q/D BART analysis for below 250 PTE sources in technical supplement.					P70		
460	290270010	A. P. GREEN INDUSTRIES INC	P-09B					X				3255	30500904	19								
461	290270048	CHILES WORKS LLC	EP04	Crusher	X							3295	30500904	19		BAS						
462	290270048	CHILES WORKS LLC	EP10	CRUSHER	X							3295	30500904	19		BAS						
463	291650001	MACKIE-CLEMENS FUEL CO	EP4	SCRUBBER/STACK - KILN		X						3295	30500915	19		BAS						
464	291650001	MACKIE-CLEMENS FUEL CO	EP5	MULTI-CONE STACK-COOLER		X						3295	30500909	19		BAS						
465	292070014	NESTLE PURINA PETCARE COMPANY	EP14	CLUMPING PROCESSING (BAGHOUSE 07-09)	X							3295	30500999	19			INT					
466	292070014	NESTLE PURINA PETCARE COMPANY	EP06	CLAY PROCESSING (BAGHOUSES 7-03 & 7-04)	X							3295	30500999	19			INT					
467	292070014	NESTLE PURINA PETCARE COMPANY	EP17	SILICA GEL PKG LINE	X							3295	30500999	19			INT					
468	290070047	CERRO COPPER CASTING COMPANY	EP19	BURNING BAR ADMISSIONS	X							3366	30400299	20				OP2008-014	P70			
469	290070047	CERRO COPPER CASTING COMPANY	EP17	HAND GRINDING	X							3366	30400209	20				OP2008-014	P70			
470	290070047	CERRO COPPER CASTING COMPANY	EP-3	ELECTRIC HOLDING FURNANCE - METAL CHARGED	X							3366	30400238	20				OP2008-014	P70			
471	290070047	CERRO COPPER CASTING COMPANY	EP-1	VERTICAL COPPER MELTING FURNANCE- METAL CHARGED	X							3366	30400214	20				OP2008-014	P70			
472	290090005	HYDRO ALUMINUM WELLS	EP-29	CASTING PIT FUGITIVES				X				3351	30400114	20	PTE for pollutants of concern from BART eligible units is less than 250 TPY			OP2008-027	OP2008-026	P70		
473	290090005	HYDRO ALUMINUM WELLS	EP-11	EAST AGE OVEN-EXTRUSION	X							3351	30400150	20				OP2008-027	OP2008-026	P70		
474	290090005	HYDRO ALUMINUM WELLS	EP-10	WEST AGE OVEN-EXTRUSION				X				3351	30400150	20	PTE for pollutants of concern from BART eligible units is less than 250 TPY			OP2008-027	OP2008-026	P70		
475	290090005	HYDRO ALUMINUM WELLS	EP-09	NORTH BILLET HEATER-EXTRUSION	X							3351	30400150	20				OP2008-027	OP2008-026	P70		
476	290090005	HYDRO ALUMINUM WELLS	EP-08	MIDDLE BILLET HEATER-EXTRUSION	X							3351	30400150	20				OP2008-027	OP2008-026	P70		
477	290090005	HYDRO ALUMINUM WELLS	EP-07	SOUTH BILLET HEATER-EXTRUSION	X							3351	30400150	20				OP2008-027	OP2008-026	P70		
478	290090005	HYDRO ALUMINUM WELLS	EP-06	DROSS ROOM				X				3351	30400107	20	PTE for pollutants of concern from BART eligible units is less than 250 TPY			OP2008-027	OP2008-026	P70		
479	290090005	HYDRO ALUMINUM WELLS	EP-02	ALUMINUM MELTING FURNACE	X							3351	30400103	20				OP2008-027	OP2008-026	P70		
480	290090005	HYDRO ALUMINUM WELLS	EP-01	ALUMINUM MELTING FURNACE				X				3351	30400103	20	PTE for pollutants of concern from BART eligible units is less than 250 TPY			OP2008-027	OP2008-026	P70		
481	290090060	MONETT METALS INC	FML-1	Sand System				X				3325	30400706	20				BAS				
482	290090060	MONETT METALS INC	HT#1	Heat Treat Furnace				X				3325	30402201	20				BAS				
483	290090060	MONETT METALS INC	INDUCTO-2	Induction Furnace (Bronze)				X				3325	30400224	20				BAS				
484	290090060	MONETT METALS INC	PL-1	Pouring/Cooling Line (Steel)				X				3325	30400713	20				BAS				
485	290090060	MONETT METALS INC	SCL#1	Shell Core Machine				X				3325	30400730	20				BAS				
486	290090060	MONETT METALS INC	SO-1	Shake Out/Knock Out				X				3325	30400710	20				BAS				
487	290090060	MONETT METALS INC	HT#2	HEAT TREAT OVEN				X				3325	30402201	20				BAS				
488	290690002	FEDERAL MOGUL CORPORATION	A1R1	BARREL MELT & HOLD FURN.	X		X					3365	30400103	20					OB 3/2007			
489	290690002	FEDERAL MOGUL CORPORATION	C1-C11	PERMANENT MOLD CASTING	X		X					3365	30400114	20					OB 3/2007			
490	290690002	FEDERAL MOGUL CORPORATION	B11	ALUM. ALLOY FLUXING	X		X					3365	30400105	20					OB 3/2007			
491	290690002	FEDERAL MOGUL CORPORATION	B05	ALUM. ALLOY FLUXING	X		X					3365	30400105	20					OB 3/2007			
492	290690002	FEDERAL MOGUL CORPORATION	A8R3	BARREL MELT & HOLD. FURN.	X		X					3365	30400103	20					OB 3/2007			
493	290690002	FEDERAL MOGUL CORPORATION	A4R2	BARREL MELT & HOLD FURN	X		X					3365	30400103	20					OB 3/2007			
494	290690002	FEDERAL MOGUL CORPORATION	A3R2	BARREL MELT & HOLD FURN	X		X					3365	30400103	20					OB 3/2007			
495	290710048	ST. CLAIR DIE CASTING LLC	EP1	#22 ZINC FURNACE				X				3369	30400868	20								
496	290710048	ST. CLAIR DIE CASTING LLC	EP2	#32 ZINC MELTING FURNACE	X							3369	30400868	20								
497	290710048	ST. CLAIR DIE CASTING LLC	EP5	#20A ALUMINUM MELT FURNACE	X							3369	30400103	20								
498	290710048	ST. CLAIR DIE CASTING LLC	EP6	#32A ALUMINUM MELT FURNACE	X							3369	30400103	20								
499	290710048	ST. CLAIR DIE CASTING LLC	EP9	MPH WHT. LINE ALUMINUM MELT FURNACE	X							3369	30400103	20								
500	290710048	ST. CLAIR DIE CASTING LLC	EP10	MPH WHT. LINE ALUMINUM FURNACE MELT	X							3369	30400103	20								
501	290770045	STANDARD ELECTRIC STEEL CASTING CO	02	LADLE HEATERS				X				3325	30490003	20						OB 10/2003		
502	290770045	STANDARD ELECTRIC STEEL CASTING CO	04	ARC FURNACE/POURING FLOOR				X				3325	30400708	20						OB 10/2003		
503	290770045	STANDARD ELECTRIC STEEL CASTING CO	05	CASTING CUTOFF				X				3325	30400799	20						OB 10/2003		
504	290770045	STANDARD ELECTRIC STEEL CASTING CO	06	HEAT TREATMENT				X				3325	30400704	20						OB 10/2003		

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505	290770045	STANDARD ELECTRIC STEEL CASTING CO	08	CLEANING STEEL BY SHOT BLASTING BOOTH #1			X				3325	30400711	20								OB 10/2003
506	290870001	EXIDE TECHNOLOGIES	EP001	MAIN STACK					X		3341	30400403	20							OP2010-038	P70
507	290870001	EXIDE TECHNOLOGIES	EP002	RECEIVING KETTLE: NATURAL GAS BURNER STACK				X			3341	30400407	20							OP2010-038	P70
508	290870001	EXIDE TECHNOLOGIES	EP003	REFINING KETTLE #1: NATURAL GAS BURNER STACK				X			3341	30400407	20							OP2010-038	P70
509	290870001	EXIDE TECHNOLOGIES	EP004	REFINING KETTLE #2: NATURAL GAS BURNER				X			3341	30400407	20							OP2010-038	P70
510	290870001	EXIDE TECHNOLOGIES	EP005	REFINING KETTLE #3: NATURAL GAS BURNER STACK				X			3341	30400407	20							OP2010-038	P70
511	290930009	DOE RUN COMPANY	EP-43	SECONDARY SO2 FUGITIVES				X			3339	30400499	20								P70
512	290930009	DOE RUN COMPANY	EP-39	SWEAT FURNACE - FUEL				X			3339	30400405	20								P70
513	290930009	DOE RUN COMPANY	EP-31	SHREDDER BAGHOUSE				X			3339	30400499	20								P70
514	290930009	DOE RUN COMPANY	EP-08	MAIN STACK - BLAST FURNACE AND PROCESSES				X			3339	30400403	20								P70
515	290930009	DOE RUN COMPANY	EP-64	Sweat Furnace				X			3339	30400412	20								P70
516	290950012	CLAY & BAILEY MFG CO	3	Iron Pouring	X						3321	30400320	20								
517	290950012	CLAY & BAILEY MFG CO	4	Casting Shake Out	X						3321	30400331	20								
518	290950012	CLAY & BAILEY MFG CO	7	Millroom Grinding	X						3321	30400340	20								
519	290950012	CLAY & BAILEY MFG CO	9	Core Oven	X						3321	30400353	20								
520	290950012	CLAY & BAILEY MFG CO	12	Ladle Heating	X						3321	30400315	20								
521	290950012	CLAY & BAILEY MFG CO	20	Scrap Handling	X						3321	30400315	20								
522	290950012	CLAY & BAILEY MFG CO	22	Electric Melt Induction Furnace	X						3321	30400303	20								
523	290952027	CHEMTRON RAILWAY PRODUCTS INC	EP2	Natural Gas Usage				X			3398	30402211	20								
524	290970008	MISSOURI STEEL CASTINGS CO	EP8	SAND RECLAIM	X		X				3325	30400331	20								OB 8/2004
525	290970008	MISSOURI STEEL CASTINGS CO	EP6	CASTING POUR FLOOR	X		X				3325	30400708	20								OB 8/2004
526	290970008	MISSOURI STEEL CASTINGS CO	EP5	ARC FURNACE	X		X				3325	30400701	20								OB 8/2004
527	290970008	MISSOURI STEEL CASTINGS CO	EP4	LADLE HEATERS - METAL	X		X				3325	30402201	20								OB 8/2004
528	290970008	MISSOURI STEEL CASTINGS CO	EP29	MOLD PREP	X		X				3325	30400799	20								OB 8/2004
529	290970008	MISSOURI STEEL CASTINGS CO	EP2	FURNACE CHARGING	X		X				3325	30400712	20								OB 8/2004
530	290970008	MISSOURI STEEL CASTINGS CO	EP18	REPLICAST SLURRY	X		X				3325	30400799	20								OB 8/2004
531	290970008	MISSOURI STEEL CASTINGS CO	EP15	METAL GRINDING	X		X				3325	30400711	20								OB 8/2004
532	290970143	LEGGETT & PLATT	19	Zinc Galvanizing	X		X				3315	30400805	20								
533	290990111	CARONDELET CORPORATION	EP-34	SAND SILO - MECH. RECLAIMED SAND.	X						3325	30400721	20								
534	290990111	CARONDELET CORPORATION	EP-33	AOD VESSEL	X						3325	30400703	20								
535	290990111	CARONDELET CORPORATION	EP-29 (B)	HEAT TREAT FURNACE	X						3325	30490003	20								
536	290990111	CARONDELET CORPORATION	EP-29 (A)	HEAT TREAT FURNACE	X						3325	30402201	20								
537	290990111	CARONDELET CORPORATION	EP-27	GRINDERS IN FINE CLEANING AREA	X						3325	30400711	20								
538	290990111	CARONDELET CORPORATION	EP-26	GRINDERS/CHIPPERS IN ROUGH CLEANING AREA	X						3325	30400711	20								
539	290990111	CARONDELET CORPORATION	EP-24	RISER CUTTING / ARC-OFF	X						3325	30400711	20								
540	290990111	CARONDELET CORPORATION	EP-23 (B)	CASTING SHAKEOUT	X						3325	30400799	20								
541	290990111	CARONDELET CORPORATION	EP-23 (A)	CASTING SHAKEOUT (AUTOMATIC AND MANUAL)	X						3325	30400709	20								
542	290990111	CARONDELET CORPORATION	EP-22 (B)	CASTING COOLING	X						3325	30400799	20								
543	290990111	CARONDELET CORPORATION	EP-22 (A)	CASTING COOLING	X						3325	30400713	20								
544	290990111	CARONDELET CORPORATION	EP-21 (B)	METAL POURING	X						3325	30400799	20								
545	290990111	CARONDELET CORPORATION	EP-21 (A)	METAL POURING	X						3325	30400708	20								
546	290990111	CARONDELET CORPORATION	EP-20	INDUCTION FURNACE	X						3325	30400705	20								
547	290990111	CARONDELET CORPORATION	EP-19	LADLE/FURNACE PREHEAT	X						3325	30490003	20								
548	290990111	CARONDELET CORPORATION	EP-17	MOLD/CORE CURING (ISOCURE CATALYST)	X						3325	30400799	20								
549	290990111	CARONDELET CORPORATION	EP-16	MOLD/CORE CURING	X						3325	30400799	20								
550	290990111	CARONDELET CORPORATION	EP-15	MOLDBOX/COREBOX FILLING	X						3325	30400799	20								
551	290990111	CARONDELET CORPORATION	EP-13 (B)	MOLD/CORE MIXERS (7)	X						3325	30400799	20								
552	290990111	CARONDELET CORPORATION	EP-11	SAND DAY SILOS (5)	X						3325	30400721	20								
553	290990111	CARONDELET CORPORATION	EP-10	BLENDING SAND RECEIVER (2)	X						3325	30400721	20								
554	290990111	CARONDELET CORPORATION	EP-09	SAND BLENDER	X						3325	30400706	20								
555	290990111	CARONDELET CORPORATION	EP-08 (A)	THERMAL RECLAMATION/COOLER-CLASSIFIER UNIT	X						3325	30400799	20								
556	290990111	CARONDELET CORPORATION	EP-07	MAGNETIC SEPERATOR, SCREEN AND HOPPER	X						3325	30400724	20								
557	290990111	CARONDELET CORPORATION	EP-06	SAND CONVEYOR	X						3325	30400723	20								
558	290990111	CARONDELET CORPORATION	EP-05	RECLAIMED SAND TO SILO (1)	X						3325	30400721	20								
559	290990111	CARONDELET CORPORATION	EP-04	RECLAIMED SAND TO SILO (1)	X						3325	30400706	20								
560	290990111	CARONDELET CORPORATION	EP-01	METAL HANDLING - STORAGE	X						3325	30400712	20								
561	290990111	CARONDELET CORPORATION	EP44	DRYING BURNER FOR WATER BASED PAINTS	X					10	3325	30490003	20								
562	291010003	STAHL SPECIALTY CO	EP-01	MELT FURNACE #1 (DEPT. 01-S)	X						3365	30400113	20								

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563	291010003	STAHL SPECIALTY CO	EP-54	SAND CORE CURING PROCESS				x				3365	30400199	20							
564	291010004	STAHL SPECIALTY CO	EP-01	MELT FURNACE #1		X						3365	30400113	20							
565	291130029	TOYOTA MOTOR CORPORATE SERVICES	P15	ALUMINUM MELTING (MELTER'S 1 & 2)		X						3365	30400103	20							OP 2010-121
566	291130029	TOYOTA MOTOR CORPORATE SERVICES	OA2	CORE MOLDING MACHINES		X						3365	30400114	20							OP2005-001
567	291130029	TOYOTA MOTOR CORPORATE SERVICES	O3	INTAKE MANIFOLD CASTING		X						3365	30400371	20							OP 2010-121
568	291130029	TOYOTA MOTOR CORPORATE SERVICES	O2	CYLINDER HEAD CASTING		X						3365	30400114	20							OP2005-001
569	291130029	TOYOTA MOTOR CORPORATE SERVICES	G1	GENERAL PLANT EXHAUST		X						3365	30400199	20							OP 2010-121
570	291130029	TOYOTA MOTOR CORPORATE SERVICES	O5	CYLINDER HEAD CORE MOLDING		X						3365	30400371	20							OP2005-001
571	291130029	TOYOTA MOTOR CORPORATE SERVICES	O6	BLOCK CASTING		X						3365	30400114	20							OP 2010-121
572	291130029	TOYOTA MOTOR CORPORATE SERVICES	OA7	1 MZ CYLINDER HEAD SOLUTION HEAT TREAT FURNACE		X						3365	30400112	20							OP2005-001
573	291130029	TOYOTA MOTOR CORPORATE SERVICES	OA10	1 MZ CYLINDER BLOCK SOLUTION HEAT TREAT FURNACE		X						3365	30400112	20							OP 2010-121
574	291130029	TOYOTA MOTOR CORPORATE SERVICES	P27	BLOCK/LOWER CASE FINISHING		X						3365	30400331	20							OP2005-001
575	291130029	TOYOTA MOTOR CORPORATE SERVICES	P30	CASTING CYLINDER HEAD #2		X						3365	30400320	20							OP 2010-121
576	291130046	MOST INC	E1	Scrap Dryer		X						3341	30400109	20							BAS
577	291130046	MOST INC	E2	Crushing		X						3341	30400812	20							BAS
578	291130046	MOST INC	E3	Melt Furnaces		X						3341	30400103	20							BAS
579	291170039	WIRE ROPE CORPORATION OF AMERICA	EP-12	GALVANIZER ZINC POT ALTERATE FUEL				x				3315	30490003	20							BAS
580	291170039	WIRE ROPE CORPORATION OF AMERICA	EP-11	IN-LINE COATING DRYER TO BE INSTALLED 1997 ALT FUE				x				3315	30490003	20							BAS
581	291170039	WIRE ROPE CORPORATION OF AMERICA	EP-09	FLUIDIZED BED ALTERNATE FUEL				x				3315	30490003	20							BAS
582	291170039	WIRE ROPE CORPORATION OF AMERICA	EP-08	PATENTING FURNACE ALTERNATE FUEL				x				3315	30490003	20							BAS
583	291270054	DIVERSIFIED DIEMAKERS INC	055	EXP PERMIT #0492-010 MAG METAL MELT/9 DIECAST MAC				x				3364	30400601	20							BAS
584	291270054	DIVERSIFIED DIEMAKERS INC	052	FUGITIVE EMIS/12 MAG DIECAST MACHINES		X						3364	30400601	20							BAS
585	291270058	DIVERSIFIED DIEMAKERS INC	62	MAGNESIUM DIECAST MACHINES		X						3364	30400601	20							BAS
586	291370002	PACE INDUSTRIES INC	EP50	FURNACE #9		X						3363	30400103	20							BAS
587	291370002	PACE INDUSTRIES INC	EP49	FURNACE #8							x	3363	30400103	20							BAS
588	291370002	PACE INDUSTRIES INC	EP06	FURNACE #6, Aluminum Melting							x	3363	30400103	20							BAS
589	291370002	PACE INDUSTRIES INC	EP63	Furnace #10 - Aluminum Melting		X						3363	30400103	20							BAS
590	291370004	DIVERSIFIED DIEMAKERS INC	72	ALUMINUM DIECASTING MACHINES		X						3369	30400114	20							BAS
591	291430008	NORANDA ALUMINUM INC	EP-BH	#5 ROD MILL HOLDER		X						3334	30400103	20							P70
592	291430008	NORANDA ALUMINUM INC	EP-BD	STACK FOR ROD MILL #2 HOLDER				x				3334	30400103	20							P70
593	291430008	NORANDA ALUMINUM INC	EP-BC	STACK FOR ROD MILL #2 MELTER				x				3334	30400103	20							P70
594	291430008	NORANDA ALUMINUM INC	EP-BB	STACK FOR ROD MILL #1 HOLDER				x				3334	30400103	20							P70
595	291430008	NORANDA ALUMINUM INC	EP-BA	STACK FOR ROD MILL #1 MELTER				x				3334	30400103	20							P70
596	291430008	NORANDA ALUMINUM INC	EP-AI	STACK FOR #4 HOLDER		X						3334	30400103	20							P70
597	291430008	NORANDA ALUMINUM INC	EP-AH	STACK FOR #4 MELTER		X						3334	30400103	20							P70
598	291430008	NORANDA ALUMINUM INC	EP-AG	STACK FOR #2 HOLDER		X						3334	30400103	20							P70
599	291430008	NORANDA ALUMINUM INC	EP-AF	STACK FOR #2 MELTER				x				3334	30400103	20							P70
600	291430008	NORANDA ALUMINUM INC	EP-AE	STACK FOR #1 HOLDER		X						3334	30400103	20							P70
601	291550045	LOXSCREEN COMPANY INC	FUGITIVE 1	DROSS COOLING				x				3354	30400107	20							OP2006-021
602	291550045	LOXSCREEN COMPANY INC	EP-01	REMELT FURNACE				x				3354	30400103	20							EPA Review
603	291830011	DIDION & SONS FOUNDRY CO	04	GRINDING				x				3321	30400340	20							OB 4/2009
604	291830011	DIDION & SONS FOUNDRY CO	03	ROTO BLAST 2				x				3321	30400340	20							OB 4/2009
605	291830011	DIDION & SONS FOUNDRY CO	02	ROTO BLAST 1				x				3321	30400340	20							OB 4/2009
606	291830011	DIDION & SONS FOUNDRY CO	01	PRE HEAT MELT				x				3321	30400331	20							OB 4/2009
607	291830011	DIDION & SONS FOUNDRY CO	05	SAND COOLER, MUELLER, MOLDING				x				3321	30400350	20							OB 4/2009
608	291830011	DIDION & SONS FOUNDRY CO	07	MATERIALS HANDLING				x				3321	30400350	20							OB 4/2009
609	291830077	O'FALLON CASTING LLC	EP-12	ALUMINUM MELTING FURNACE/REVERBERATORY		X						3324	30400103	20							P70
610	292190028	WARRENTON COPPER LLC	EP-05	FUGITIVE EMISSIONS				x				3341	30400235	20							INT
611	292190028	WARRENTON COPPER LLC	EP-02	REVERBERATORY FURNACE #2				x				3341	30400214	20							INT
612	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP02	"Q" FURNACE				x				3321	30400304	20							P70

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613	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP03	'15' TON ARC FURNACE			X					3321	30400304	20						P70	OB 12/2007
614	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP04	METAL TRANSFER			X					3321	30400320	20						P70	OB 12/2007
615	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP06	CLAY STORAGE HOPPER VENT			X					3321	30400350	20						P70	OB 12/2007
616	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP08	SAND STORAGE AND HANDLING			X					3321	30400350	20						P70	OB 12/2007
617	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP09	CASTING MACHINE CELLS					X			3321	30400360	20						P70	OB 12/2007
618	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP10	25 TON INDUCTION FURN. (2)					X			3321	30400303	20						P70	OB 12/2007
619	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP11	LINE #1 THRU #5 SHAKEOUT AND TRANSFER POINTS			X					3321	30400331	20						P70	OB 12/2007
620	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP14	BLOW OFF BOOTH,SAND TRANS POINTS			X					3321	30400325	20						P70	OB 12/2007
621	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP15	CASTING CLEANING,GRINDING			X					3321	30400340	20						P70	OB 12/2007
622	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP16	CASTING MACHINING CELLS					X			3321	30400360	20						P70	OB 12/2007
623	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP17	CASTING MACHINING CELLS					X			3321	30400360	20						P70	OB 12/2007
624	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP18	CASTING MACHINING					X			3321	30400360	20						P70	OB 12/2007
625	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP19	CORE ROOM CATALYST			X					3321	30400398	20						P70	OB 12/2007
626	295100072	FEDERAL-MOGUL FRICTION PRODUCTS	EP27	LINE #6 SHAKE OUT AND TRANSFER POINTS			X					3321	30400331	20						P70	OB 12/2007
627	295101556	CONNECTOR CASTINGS	EP-11	BRASS MULLER AND SAND HANDLING CONVEYOR			X					3341	30400352	20						P70	
628	295101556	CONNECTOR CASTINGS	EP-12	BRASS MELTING			X					3341	30400224	20						P70	
629	295101556	CONNECTOR CASTINGS	EP-13	BRASS POURING			X					3341	30400320	20						P70	
630	295101556	CONNECTOR CASTINGS	EP-14	BRASS SHAKEOUT			X					3341	30400331	20						P70	
631	295101556	CONNECTOR CASTINGS	EP-02	ALUMINUM MULLER AND SAND HANDLING CONVEYOR			X					3341	30400352	20						P70	
632	295101556	CONNECTOR CASTINGS	EP-03	ALUMINUM MELTING STAHL 4500 FURNACE			X					3341	30400103	20						P70	
633	295101556	CONNECTOR CASTINGS	EP-32	BRASS CASTING COOLING			X					3341	30400325	20						P70	
634	295101556	CONNECTOR CASTINGS	EP-06	ALUMINUM SHAKEOUT			X					3341	30400331	20						P70	
635	290070040	TEVA PHARMACEUTICALS USA INC	EP-T315	METHANOL CRUD TANK T-315 (300 PROCESS)					X			2834	30106010	21						P70	
636	290070040	TEVA PHARMACEUTICALS USA INC	EP-862M	SOLVENT RECOVERY PROCESS-METHYL ALCOHOL DISTILLATION					X			2834	30125003	21						P70	
637	290070040	TEVA PHARMACEUTICALS USA INC	EP-500A	7ADCA - 500 PROCESS REACTORS					X			2834	30106002	21						P70	
638	290070040	TEVA PHARMACEUTICALS USA INC	EP-400A	7ADCA PROCESS (PROCESS VENT) REACTORS					X			2834	30106002	21						P70	
639	290070040	TEVA PHARMACEUTICALS USA INC	EP-3001	CEPHALOSPORIN-G 300 PROCESS REACTORS					X			2834	30106002	21						P70	
640	290070040	TEVA PHARMACEUTICALS USA INC	EP-3002	CEPHALOSPORIN-G 300 PROCESS (EXPANSION) REACTORS					X			2834	30106002	21						P70	
641	290070040	TEVA PHARMACEUTICALS USA INC	EP-3003	CEPHALOSPORIN-G 300 PROCESS (PROCESS VENT) REACTORS					X			2834	30106002	21						P70	
642	290070040	TEVA PHARMACEUTICALS USA INC	EP-T319	METHANOL CRUD TANK T-319 (300 PROCESS)					X			2834	30106010	21						P70	
643	290070040	TEVA PHARMACEUTICALS USA INC	EP-PENB	PEN BLDG. AIR HANDLING EXHAUST					X			2834	30106008	21						P70	
644	290070040	TEVA PHARMACEUTICALS USA INC	EP-CEPHGE	CEPHALOSPORIN-G BLDG. AIR HANDLING					X			2834	30106008	21						P70	
645	290070040	TEVA PHARMACEUTICALS USA INC	EP400	7ADCA PROCESS VENT STACK					X			2834	30106002	21						P70	
646	290070040	TEVA PHARMACEUTICALS USA INC	EP500	7ADCA PROCESS VENT 500 PROCESS					X			2834	30106002	21						P70	
647	290070040	TEVA PHARMACEUTICALS USA INC	EP-6002	CEPHALEXIN - 600 PROCESS REACTORS					X			2834	30106002	21						P70	
648	290070040	TEVA PHARMACEUTICALS USA INC	EP-600D	CEPHALEXIN DRYER - 600 PROCESS AIR DRYER					X			2834	30106009	21						P70	
649	290070040	TEVA PHARMACEUTICALS USA INC	EP-CEPHB	CEPHALEXIN BLDG. AIR HANDLING					X			2834	30106008	21						P70	
650	290070040	TEVA PHARMACEUTICALS USA INC	EP-SRT	SOLVENT RECOVERY - TOLUENE DISTILLATION					X			2834	30125807	21						P70	
651	290070040	TEVA PHARMACEUTICALS USA INC	EP-R325-26	BIS - TRIMETHYLSIYLUREA (BSU) REACTOR					X			2834	30106002	21						P70	
652	290210029	WIRE ROPE CORPORATION OF AMERICA	EP-25	Tuff-Coating (Extruded Plastic Coating)					X			3496	30101809	21						BAS	
653	290210037	ALBAUGH INC	070	ORGANIC LIQUID VESSEL R-2401 (GLYPHOSATE SALT MIXING)			X					2879	30103399	21						INT	OP2010-035
654	290210037	ALBAUGH INC	071	ORGANIC LIQUID R-2402 (GLYPHOSATE SALT MIXING)			X					2879	30103399	21						INT	OP2010-035
655	290210037	ALBAUGH INC	088	TRIFLURALIN PRODUCTION TANKS R-401, T-407, T-401			X					2879	30199998	21						INT	OP2010-035
656	290210037	ALBAUGH INC	100	ORGANIC LIQUID VESSEL T-603 HERBICIDE MIXING -BROMOXYNIL			X					2879	30199998	21						INT	OP2010-035
657	290210037	ALBAUGH INC	104	ORGANIC LIQUID VESSEL T-607 HERBICIDE MIXING (2, 4 DB DMA)			X					2879	30103399	21						INT	OP2010-035

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658	290210037	ALBAUGH INC	105	ORGANIC LIQUID VESSEL T-608 HERBICIDE MIXING (2, 4 DB DMA)	X						2879	30103399	21									
659	290210038	PRIME TANNING CORP	EP41	WASTEWATER PRETREATMENT BASIN	X						3111	30182002	21							INT	OP2010-035	
660	290210082	SEALED AIR CORPORATION	EP-02	ADHESIVE/MIX ROOM EXHAUST (FLAMMABLE LIQUID STORAGE ROOM EXHAUST)			X				3081	30101894	21							BAS		
661	290210082	SEALED AIR CORPORATION	EP-01	ADHESIVE COATER/LAMINATOR			X				3081	30101817	21							NOP		
662	290370054	CHURCH AND DWIGHT	001	SODA ASH BIN VENT				X			2841	30100901	21							NOP		
663	290370054	CHURCH AND DWIGHT	002	SALT BIN VENT				X			2841	30100901	21							NOP		
664	290370054	CHURCH AND DWIGHT	003	SODA ASH FILTER RECEIVER				X			2841	30100901	21							NOP		
665	290370054	CHURCH AND DWIGHT	004	SALT FILTER RECEIVER				X			2841	30100901	21							NOP		
666	290430019	DIVERSIFIED PLASTICS INC	EP-3	OVEN CURE				X			2821	30101820	21							BAS		
667	290430019	DIVERSIFIED PLASTICS INC	EP-2	RAW MATERIAL INJECTED INTO MOLD				X			2821	30101817	21							BAS		
668	290430019	DIVERSIFIED PLASTICS INC	EP-1	RAW MATERIAL IS PRE-EXPANDED				X			2821	30101817	21							BAS		
669	290430021	KAY CONCRETE MATERIALS CO	EP11	OIL FIRED HEATER		X					3273	30190001	21							NOP		
670	290470002	NATIONAL STARCH & CHEMICAL CO	EP70	PIPING LOSSES, FUGITIVE	X						2046	30188801	21								P70	
671	290470012	COOK COMPOSITES AND POLYMERS CO	EP18-A	RESIN PRODUCTION (GELCOAT BIG BATCH BLENDING/TINTING) KETTLE				X			2851	30101838	21							INT	OP2007-009	
672	290470012	COOK COMPOSITES AND POLYMERS CO	EP17	BIG BATCH GEL COAT				X			2851	30101837	21							INT	OP2007-009	
673	290470012	COOK COMPOSITES AND POLYMERS CO	EP15B	GEL COAT BLENDING (SMALL BATCH, WITH DUST COLLECTOR)				X			2851	30101837	21							INT	OP2007-009	
674	290470012	COOK COMPOSITES AND POLYMERS CO	EP08	FINISHED RESIN TANKS				X			2851	30101840	21							INT	OP2007-009	
675	290470012	COOK COMPOSITES AND POLYMERS CO	EP02	KETTLE FURNACE - 86				X			2851	30190003	21							INT	OP2007-009	
676	290470012	COOK COMPOSITES AND POLYMERS CO	EP01	KETTLE FURNACE - 84				X			2851	30190003	21							INT	OP2007-009	
677	290470012	COOK COMPOSITES AND POLYMERS CO	EP18-B	RESIN PRODUCTION (RESIN THINNING TANK)				X			2851	30101839	21							INT	OP2007-009	
678	290470012	COOK COMPOSITES AND POLYMERS CO	EP15A	GEL COAT BLENDING (SMALL BATCH, NO CONTROL)				X			2851	30101837	21							INT	OP2007-009	
679	290470040	DAVIS PAINT CO	03	PRODUCT FILLING				X			2851	30101401	21								P70	
680	290470040	DAVIS PAINT CO	02B	PIGMENT DISPERSION				X			2851	30101402	21								P70	
681	290470040	DAVIS PAINT CO	02A	PIGMENT DISPERSION				X			2851	30101402	21								P70	
682	290470075	TNEMEC COMPANY INC	08	ROOF VENTILATOR - MAIN VENT				X			2851	30101401	21							INT	OP2010-049	
683	290470079	CAMPBELL EARL MFG CO	1	PAINT PLANT PROD. AREA				X			2851	30101401	21							INT	OB 2/2008	
684	290470141	SERICOL INC	EP01	INK MANUFACTURING	X						2893	30102001	21							INT	OP2010-046	
685	290510037	JOHNSON CONTROLS HOOVER AUTO	EP08	SPRAY MRA APPLICATION (LINES 1 & 2)	X			X			3086	30101885	21								P70	OB 12/2008
686	290510037	JOHNSON CONTROLS HOOVER AUTO	EP07	PASTE MRA APPLICATION (LINES 1 & 2)	X			X			3086	30101885	21								P70	OB 12/2008
687	290510037	JOHNSON CONTROLS HOOVER AUTO	EP06	FOAM PRODUCTION LINES 1 & 2	X			X			3086	30125101	21								P70	OB 12/2008
688	290510037	JOHNSON CONTROLS HOOVER AUTO	EP10	FOAM REPAIR - VOIDS (COLD FOAM)	X			X			3086	30101885	21								P70	OB 12/2008
689	290510037	JOHNSON CONTROLS HOOVER AUTO	EP17	COLD JET CLEANING PROCESS	X			X			3086	30101885	21								P70	OB 12/2008
690	290550005	GEORGIA PACIFIC CORPORATION	P03	PERLITE EXPANDER	X			X			3292	30116799	21									
691	290550020	WATERLAC COATING INC	1	CENTRAL EXHAUST-MANUF. (MIXING) AREA				X			2851	30101401	21							BAS		
692	290550036	ENNIS PAINT INC	EP-1	PAINT PRODUCTION, MIXING & HANDLING (WATERBORNE WHITE PAINT)			X				2851	30101401	21								OB 12/2004	
693	290550036	ENNIS PAINT INC	EP-2	Pigment Handling			X				2851	30101402	21								OB 12/2004	
694	290550036	ENNIS PAINT INC	EP-3	Solvent Tanks			X				2851	30101404	21								OB 12/2004	
695	290650038	ROYAL OAK ENTERPRISES INC	EP34	DIP TANK	X			X			2861	30102612	21							INT	OP2009-005	
696	290650038	ROYAL OAK ENTERPRISES INC	EP25A	BAGGING - CHARCOAL BRIQUETS	X			X			2861	30100508	21							INT	OP2009-005	
697	290710071	REXHAM CONTAINERS	EP1	PLASTIC EXTRUSION		X		X			3089	30101814	21							NOP		
698	290710151	AEROFIL TECHNOLOGY INC	EP-08-D	BLENDING OF DRY PRODUCTS INTO LIQUID SOLUTION	X						2899	30103312	21							OP2005-027	P70	
699	290710151	AEROFIL TECHNOLOGY INC	EP-03-A	TRANSFERRING VOC MATERIAL(MIXTANKS)TO FINISHED CONTAINER	X						2899	30183001	21							OP2005-027	P70	
700	290710151	AEROFIL TECHNOLOGY INC	EP-02-E	BLENDING OF DRY PRODUCTS INTO LIQUID SOLUTIONS	X						2899	30103312	21							OP2005-027	P70	
701	290710151	AEROFIL TECHNOLOGY INC	EP-10-A	DRY BLENDING/PAKAGING	X						2899	30103312	21							OP2005-027	P70	
702	290710151	AEROFIL TECHNOLOGY INC	EP-08-B	MIXING OPERATIONS FOR MALATHION	X						2899	30103301	21							OP2005-027	P70	
703	290710151	AEROFIL TECHNOLOGY INC	EP-08-A	TRANSFERRING VOC MATERIAL INTO MIXING TANKS	X						2899	30183001	21							OP2005-027	P70	
704	290710151	AEROFIL TECHNOLOGY INC	EP-04	QC SPRAYING OF AEROSOL CANS (FINISHED PRODUCT)	X						2899	30199999	21							OP2005-027	P70	
705	290710151	AEROFIL TECHNOLOGY INC	EP-02-A	TRANSFERRING VOC MATERIAL INTO MIXING TANKS	X						2899	30183001	21							OP2005-027	P70	
706	290710151	AEROFIL TECHNOLOGY INC	EP-09-A	TRANSFERRING VOC MAT'L FROM MIX TANKS TO FIN CONTAINERS	X						2899	30183001	21							OP2005-027	P70	
707	290710151	AEROFIL TECHNOLOGY INC	EP-16	PROPELLANT FILLING-AEROSOL CANS	X						2899	30199999	21							OP2005-027	P70	
708	290710151	AEROFIL TECHNOLOGY INC	EP-14	AEROSOL CAN REWORK	X						2899	30199999	21							OP2005-027	P70	
709	290710151	AEROFIL TECHNOLOGY INC	EP-17	DRY PACKAGING	X						2899	30103312	21							OP2005-027	P70	

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710	290710151	AEROFIL TECHNOLOGY INC	EP-18-A	TRANSFER VOC MATERIAL - FROM MIXING TANKS TO CONTAINERS	X						2899	30183001	21							OP2005-027	P70
711	290710151	AEROFIL TECHNOLOGY INC	EP-19-A	PROPELANT FILLING - AEROSOL CANS	X						2899	30199999	21							OP2005-027	P70
712	290710157	PLAZE INCORPORATED	E2	EMISSIONS FROM GASSING AEROSOLS	X						2899	30188805	21							OP2011-038	P70
713	290770017	CLARIANT LIFE SCIENCE MOLECULES	04C	S-4 VENTILATION ROOF VENTS FUGITIVES FROM BPA	X						2833	30106099	21								P70
714	290770017	CLARIANT LIFE SCIENCE MOLECULES	13A	S-13 STACK-DRUM WASHER EXHST	X						2833	30106008	21								P70
715	290770017	CLARIANT LIFE SCIENCE MOLECULES	14A	S-14 SCRUBBER/REACTORS	X						2833	30106002	21								P70
716	290770017	CLARIANT LIFE SCIENCE MOLECULES	14K	S-14 ROOF VENTS FUGITIVES	X						2833	30106099	21								P70
717	290770017	CLARIANT LIFE SCIENCE MOLECULES	19A	S-19A&B EMISSIONS TO HEIL SCRUBBER				X			2833	30106008	21	not a source of PM, SOX or NOX							P70
718	290770017	CLARIANT LIFE SCIENCE MOLECULES	19B	S-19A&B ROOF VENTS FUGITIVES				X			2833	30106099	21	not a source of PM, SOX or NOX							P70
719	290770017	CLARIANT LIFE SCIENCE MOLECULES	19C	S-19A&B BUILDING FUGITIVE EMISSIONS				X			2833	30106099	21	not a source of PM, SOX or NOX							P70
720	290770017	CLARIANT LIFE SCIENCE MOLECULES	28A	S-28 ROOF VENTS (FUGITIVES)	X						2833	30106099	21								P70
721	290770017	CLARIANT LIFE SCIENCE MOLECULES	28B	S-28 FUGITIVE EMISSIONS	X						2833	30106099	21								P70
722	290770017	CLARIANT LIFE SCIENCE MOLECULES	28C	S-28 TANK FUGITIVES (SS12001)	X						2833	30106099	21								P70
723	290770017	CLARIANT LIFE SCIENCE MOLECULES	28D	S-28 IPA TANK FUGITIVES (SS12002)	X						2833	30106099	21								P70
724	290770017	CLARIANT LIFE SCIENCE MOLECULES	28E	S-28 RECOVERED IPA (CS 12001)	X						2833	30106099	21								P70
725	290770017	CLARIANT LIFE SCIENCE MOLECULES	28F	S-28 ROSEMUND LIQUORS (SS20000) TANK FUGITIVES	X						2833	30106099	21								P70
726	290770017	CLARIANT LIFE SCIENCE MOLECULES	RTO1A	REECO THERMAL OXIDIZER NAT.GAS.FIRED	X						2833	30190013	21								P70
727	290770017	CLARIANT LIFE SCIENCE MOLECULES	RTO1B	RTO (S19 A&B) PROCESS EMISSIONS	X						2833	30106099	21								P70
728	290770017	CLARIANT LIFE SCIENCE MOLECULES	RTO2	S-14 RTO BYPASS EMISSIONS	X						2833	30106099	21								P70
729	290770017	CLARIANT LIFE SCIENCE MOLECULES	RTO1C	GABAPENTIN-4 S19C PROCESS EMISSIONS	X						2833	30106099	21								P70
730	290770017	CLARIANT LIFE SCIENCE MOLECULES	19S	S19C BUILDING FUGITIVES	X						2833	30106099	21								P70
731	290770051	3M COMPANY	0136	TALC STORAGE SILO TANK	X						2891	30102699	21							INT	OP2006-056
732	290770051	3M COMPANY	02-12	84" RUBBER MILL #1	X						2891	30102699	21							INT	OP2006-056
733	290770051	3M COMPANY	02-14	84" RUBBER MILL #2	X						2891	30102699	21							INT	OP2006-056
734	290770051	3M COMPANY	03-02	#20 MOGUL HOOD EPOXY RESINS	X						2891	30101847	21							INT	OP2006-056
735	290770051	3M COMPANY	03-05	#15 MOGUL MIXER EXHST EPOXY RESINS	X						2891	30101847	21							INT	OP2006-056
736	290770051	3M COMPANY	03-06	80 GAL MYERS MIXER EXHST	X						2891	30101847	21							INT	OP2006-056
737	290770051	3M COMPANY	03-09	#18 MOGUL MIXER EXHST - RM 3	X						2891	30101847	21							INT	OP2006-056
738	290770051	3M COMPANY	03-11	#18 MOGUL MIXER EXHST - RM 4	X						2891	30101847	21							INT	OP2006-056
739	290770051	3M COMPANY	03-14	URETHANE REACTOR/MIXER (2000 GAL)	X						2891	30101891	21							INT	OP2006-056
740	290770051	3M COMPANY	03-34	1000 GAL MYERS MIXER VENT EPOXY RESINS and HAPS reported on EU for 3-01 thru 12-11 for air toxics	X						2891	30101847	21							INT	OP2006-056
741	290770051	3M COMPANY	11-11	500 KADY MILL	X						2891	30102614	21							INT	OP2006-056
742	290770051	3M COMPANY	11-13	STRONG SCOTT BLENDER EXHST	X						2891	30102617	21							INT	OP2006-056
743	290770051	3M COMPANY	11-16	URETHANE LINE 1 POWDER RECEIVER	X						2891	30102699	21							INT	OP2006-056
744	290770051	3M COMPANY	11-17	URETHANE LINE 2: POWDER RECEIVER	X						2891	30102699	21							INT	OP2006-056
745	290770051	3M COMPANY	11-18	URETHANE LINE 1 LITTLEFORD BLENDER	X						2891	30102614	21							INT	OP2006-056
746	290770051	3M COMPANY	11-21	URETHANE LINE 2: LITTLEFORD BLENDER	X						2891	30102614	21							INT	OP2006-056
747	290770051	3M COMPANY	11-23	URETHANE LINE 1 RIBBON BLENDER	X						2891	30102614	21							INT	OP2006-056
748	290770051	3M COMPANY	11-24	URETHANE LINE 1 2000 GAL CHEMINEER MIXER	X						2891	30102614	21							INT	OP2006-056
749	290770051	3M COMPANY	11-25	URETHANE LINE 1: 1000 GAL NOLTE MIXER	X						2891	30102614	21							INT	OP2006-056
750	290770051	3M COMPANY	11-33	HOLD TANK FOR 2200 GAL HIGH SHEAR	X						2891	30102614	21							INT	OP2006-056
751	290770051	3M COMPANY	11-34	HOLD TANK FOR 1000 GAL HIGH SHEAR	X						2891	30102614	21							INT	OP2006-056
752	290770051	3M COMPANY	11-37	1000 GAL HIGH SHEAR	X						2891	30102614	21							INT	OP2006-056
753	290770051	3M COMPANY	11-39	2200 GAL HIGH SHEAR	X						2891	30102614	21							INT	OP2006-056
754	290770051	3M COMPANY	12-11	600 GAL MYERS MIXER VENT	X						2891	30101847	21							INT	OP2006-056
755	290770051	3M COMPANY	12-25	600 GAL MYERS MIXER local exhaust	X						2891	30101847	21							INT	OP2006-056
756	290770202	EARL SCHEIB AUTOMOTIVE PAINT FINISHES	4	PAINT MIXING AND HANDLING OF PIGMENTED PAINTS				X			2851	30101401	21							BAS	
757	290770202	EARL SCHEIB AUTOMOTIVE PAINT FINISHES	5	PAINT MIXING AND HANDLING OF NON-PIGMENTED PAINTS				X			2851	30101401	21							BAS	
758	290930009	DOE RUN COMPANY	EP-18	NA2SO4 CRYSTALLIZER				X			3339	30199999	21								P70
759	290950005	U. S. DEPT OF ENERGY	EP27	Depotting and Potting Solvents				X			3679	30101819	21								P70
																				Facility was modeled and results indicated 99% of impacts are mostly from SO4. Modeling showed impacts below 0.5 deciviews.	

Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS
760	290950011	BAYER CROPSIENCE	EP4	Carbon Furnace				X				2879	30100701	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
761	290950011	BAYER CROPSIENCE	4.1-X1	Di-Syston Common Header				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
762	290950011	BAYER CROPSIENCE	5.0-B2COMB	TDA/FOE Combined Processes				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
763	290950011	BAYER CROPSIENCE	5.0-B4 FOE	FOE Process				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
764	290950011	BAYER CROPSIENCE	4.0-K2 FOL	Folicur Process				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
765	290950011	BAYER CROPSIENCE	EP3-TO2TK	WTP Tank Farm Vent				X				2879	30199998	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
766	290950011	BAYER CROPSIENCE	3.0-K2 PIN	Pina-Mix Process				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
767	290950011	BAYER CROPSIENCE	2.3-K6 EPX	Epoxide Process				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
768	290950011	BAYER CROPSIENCE	4.0-K1 BUT	Butylthion Process				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
769	290950011	BAYER CROPSIENCE	4.0-K2 SEN	Sencor Process				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
770	290950011	BAYER CROPSIENCE	3.0-K1 PIN	Pinacolone Process				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70			
771	290950011	BAYER CROPSIENCE	5.0-K2 H61	MKH 6561 Process				X				2879	30103399	21	Facility is basic for everything but haz waste combustor. 40 CFR 63, subpart EEE requires a Part 70 for the combustor.		OP2003-046	P70	P70		
772	290950046	ALLIANT LLC	EP21	BALLISTICS TESTING	X							3482	30101030	21							
773	290950063	AVENTIS PHARMACEUTICALS INC	EP-05	Ovens, Tablet Production				X				2834	30106009	21							
774	290950063	AVENTIS PHARMACEUTICALS INC	EP-06	Tablets Presses and Encapsulation				X				2834	30106099	21							
775	290950063	AVENTIS PHARMACEUTICALS INC	EP-07	Coating-Tablet Production				X				2834	30106011	21							
776	290950063	AVENTIS PHARMACEUTICALS INC	EP-12	Coating Process-High Efficiency Filter				X				2834	30106011	21							
777	290950063	AVENTIS PHARMACEUTICALS INC	EP-18	Liquid Creams Production				X				2834	30106008	21							
778	290950063	AVENTIS PHARMACEUTICALS INC	EP-08	Packaging-Tablet Production				X				2834	30106099	21							
779	290950063	AVENTIS PHARMACEUTICALS INC	EP-11	Bead Coating-Capsule Production				X				2834	30106011	21							
780	290950063	AVENTIS PHARMACEUTICALS INC	EP-21	QA Laboratory Hoods				X				2834	30106008	21							
781	290950063	AVENTIS PHARMACEUTICALS INC	EP-36	Glatt,T-3,Tablet/Capsule Production				X				2834	30106010	21							
782	290950063	AVENTIS PHARMACEUTICALS INC	EP-04C	Tablet Production (Alcohol)				X				2834	30106011	21							
783	290950063	AVENTIS PHARMACEUTICALS INC	EP-04A	Tablet/Preparations-Blending				X				2834	30106010	21							
784	290950063	AVENTIS PHARMACEUTICALS INC	EP-04B	Tablet Coating Process-Tablet Production				X				2834	30106011	21							
785	290950063	AVENTIS PHARMACEUTICALS INC	EP-38	Aromatic,T-4,Tablet/Capsule Production				X				2834	30106010	21							
786	290950126	AMERICAN INGREDIENTS COMPANY	EP-002-402	GENERAL MIXING & HANDLING-5" VENTURI SCRUBBER VENT				X				2099	30101401	21							
787	290950126	AMERICAN INGREDIENTS COMPANY	EP-003-735	6" SCRUBBER BOX VENT (RT-403)				X				2099	30117634	21							
788	290950233	MR LONGARM INC	EP1	PULTRUSION MACHINE DIE	X							3089	30101837	21							
789	290952006	WIRE ROPE CORPORATION OF AMERICA	EP-24	Tuff-Coating-Extruded Plastic Coating			X					3496	30101809	21							OB 2/2005
790	290952029	PERMACEL KANSAS CITY INC	8	#5 Baghouse				X				3061	30102601	21							
791	290952094	FAULTLESS STARCH/BON AMI COMPANY	EP08	Aerosol Packaging Line				X				2842	30199999	21							
792	290952094	FAULTLESS STARCH/BON AMI COMPANY	EP09	Returned Can Venting for Recycling	X							2842	30199999	21							
793	290952172	MARTEC SCIENTIFIC	EP1	Pilot Plant Coating	X			X				2834	30106011	21							
794	290952172	MARTEC SCIENTIFIC	EP4	Production Scale-Mfg 1-Drying	X			X				2834	30106009	21							
795	290952172	MARTEC SCIENTIFIC	EP7	Production Scale-Mfg 2-Drying	X			X				2834	30106009	21							
796	290952202	QUINTILES INC	EP-24B	R&D Pilot Plant-Alcohol Fugatives				X				8731	30106008	21							
797	290952224	NEW SURFACE LLC	EP2	Mix/Pour	X	X		X					30120601	21							
798	290958004	PRECISION MARBLE	1	RESIN & MARBLE MITE MIXER	X	X						30101816	21								
799	290970005	PCS PHOSPHATE COMPANY INC	EP-015	DICAL BUCKET ELEVATOR PCS #3023	X	X						2874	30103003	21							
800	290970005	PCS PHOSPHATE COMPANY INC	EP-058	CONVEYOR PCS #4006		X						2874	30103003	21							
801	290970005	PCS PHOSPHATE COMPANY INC	EP-057	SECONDARY SCREEN PCS #6098			X					2874	30103003	21							
802	290970005	PCS PHOSPHATE COMPANY INC	EP-054	COOLER PCS #6019			X					2874	30103001	21							
803	290970005	PCS PHOSPHATE COMPANY INC	EP-051	MILL_PCS #6015			X					2874	30102801	21							
804	290970005	PCS PHOSPHATE COMPANY INC	EP-049	BUCKET ELEVATOR_PCS #6009			X					2874	30103003	21							
805	290970005	PCS PHOSPHATE COMPANY INC	EP-048	CONVEYOR_PCS #6005			X					2874	30103003	21							
806	290970005	PCS PHOSPHATE COMPANY INC	EP-047	DRYER PCS #6004			X					2874	30103001	21							
807	290970005	PCS PHOSPHATE COMPANY INC	EP-046	GRANULATOR_PCS #6003			X					2874	30103002	21							
808	290970005	PCS PHOSPHATE COMPANY INC	EP-023	DICAL CONVEYOR PCS #4008	X						15	2874	30103003	21							
809	290970005	PCS PHOSPHATE COMPANY INC	EP-022	DICAL SCREEN PCS #3034	X							2874	30103003	21							

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810	290970005	PCS PHOSPHATE COMPANY INC	EP-021	DICAL BUCKET ELEVATOR PCS #3033		X						2874	30103003	21								
811	290970005	PCS PHOSPHATE COMPANY INC	EP-020	DICAL CONVEYOR PCS #3031		X						2874	30103003	21								
812	290970005	PCS PHOSPHATE COMPANY INC	EP-019	DICAL BUCKET ELEVATOR PCS #3039		X						2874	30103003	21								
813	290970005	PCS PHOSPHATE COMPANY INC	EP-018	DICAL CONVEYOR PCS #3038		X						2874	30103003	21								
814	290970005	PCS PHOSPHATE COMPANY INC	EP-017	DICAL MILLS PCS #3030		X						2874	30102801	21								
815	290970005	PCS PHOSPHATE COMPANY INC	EP-016	DICAL SCREEN PCS #3025		X						2874	30103003	21								
816	290970005	PCS PHOSPHATE COMPANY INC	EP-014	DICAL CONVEYOR PCS #3022	X							2874	30103003	21								
817	290970005	PCS PHOSPHATE COMPANY INC	EP-013	DICAL DRYER PCS #3020		X						2874	30103001	21								
818	290970005	PCS PHOSPHATE COMPANY INC	EP-012	DICAL MIXER PCS #3018		X						2874	30102906	21								
819	290970005	PCS PHOSPHATE COMPANY INC	EP-109	BUCKET ELEVATOR PCS #4012B		X						2874	30103003	21								
820	290970005	PCS PHOSPHATE COMPANY INC	EP-112	DICAL CONVEYOR PCS #4018B		X						2874	30103003	21								
821	290970005	PCS PHOSPHATE COMPANY INC	EP-118	KICE ASPERATOR		X						2874	30103003	21								
822	290970005	PCS PHOSPHATE COMPANY INC	EP-121	Conveyor PCS # 4032		X						2874	30103003	21								
823	290970005	PCS PHOSPHATE COMPANY INC	EP-145	Conveyor PCS # 4007A		X						2874	30103003	21								
824	290970005	PCS PHOSPHATE COMPANY INC	EP-146	Conveyor PCS # 4007B		X						2874	30103003	21								
825	290970005	PCS PHOSPHATE COMPANY INC	EP-068	PRODUCT BULK TRUCK BUCKET ELEVATOR PCS #4034		X						2874	30103003	21								
826	290970005	PCS PHOSPHATE COMPANY INC	EP-069	PRODUCT BULK TRUCK SCREEN PCS #4035		X						2874	30103003	21								
827	290970005	PCS PHOSPHATE COMPANY INC	EP-070	PRODUCT BULK TRUCK CONVEYOR PCS #4036		X						2874	30103003	21								
828	290970007	DYNO NOBEL INC	EP6	NITRIC ACID RECOVERY BATCH		X						2892	30101022	21								
829	290970007	DYNO NOBEL INC	EP5	10-KETTLE CRYSTALLIZER					X			2892	30102705	21								
830	290970007	DYNO NOBEL INC	EP4	EVAPORATOR W/DEMISTER					X			2892	30102717	21								
831	290970007	DYNO NOBEL INC	EP17	PETN PLANT	X							2892	30104101	21								
832	290970007	DYNO NOBEL INC	EP18	AMMONIUM NITRATE PLANT (NAL)	X							2892	30102704	21								
833	290990014	DOW CHEMICAL COMPANY THE	04	EXTRUDED POLYSTYRENE; M/L BAGHOUSE		X						2821	30101811	21								
834	290990014	DOW CHEMICAL COMPANY THE	05	EXTRUDED POLYSTYRENE: 48" LINE BAGHOUSE		X						2821	30101811	21								
835	290990014	DOW CHEMICAL COMPANY THE	31	POLYSTYRENE: DIE VENT					X			2821	30101899	21								
836	290990014	DOW CHEMICAL COMPANY THE	33	POLYSTYRENE: POLYSTYRENE STORAGE SILO					X			2821	30101811	21								
837	290990014	DOW CHEMICAL COMPANY THE	36	POLYSTYRENE: POLYSTYRENE HOPPERS					X			2821	30101811	21								
838	290990014	DOW CHEMICAL COMPANY THE	37	POLYSTYRENE: RAILCAR AND HOPPER TRUCKS					X			2821	30101811	21								
839	290990092	MASTERCHEM INDUSTRIES INC	WBP3	WATER BASED PRIMER PRODUCTION PROCESS					X				3651	30101401	21							
840	290990092	MASTERCHEM INDUSTRIES INC	OBP3	OIL BASED PRIMER PRODUCTION PROCESS					X				3651	30101401	21							
841	291010054	MASTER MARBLE INC	EP01	SPRAY SYSTEM #1 GELCOAT BOOTH	X				X				3089	30101861	21							
842	291010054	MASTER MARBLE INC	EP03	SPRAY SYSTEM #2 RESIN	X				X				3089	30101861	21							
843	291010054	MASTER MARBLE INC	EP04	MIXING VESSEL RESIN	X				X				3089	30101861	21							
844	291090004	BCP INGREDIENTS	EP 20-3	AERATED LAGOON (WASTEWATER TREATMENT)		X						2833	30182002	21	Removed PTE because exempt by category							P70
845	291090004	BCP INGREDIENTS	EP 20-1	SETTLING TANK #1 (WASTEWATER TREATMENT)		X						2833	30182002	21	Removed PTE because exempt by category							P70
846	291090004	BCP INGREDIENTS	EP 14-1	METHANOL RECOVERY STILL VENT		X						2833	30106003	21	Removed PTE because exempt by category							P70
847	291090004	BCP INGREDIENTS	EP 13-3	V-13 BUILDING FUGITIVES (CHOLINE SALTS PACKAGING)		X						2833	30106099	21	Removed PTE because exempt by category							P70
848	291090004	BCP INGREDIENTS	EP 13-1	V-13 VACUUM VENT (CHOLINE SALTS VACUUM DRYING)		X						2833	30106001	21	Removed PTE because exempt by category							P70
849	291270001	BASF AGRI CHEMICALS	UTIL-04	ASH HANDLING SYSTEM BAGHOUSE VENT	X							2879	30103399	21	Removed PTE because exempt by category							P70
850	291270001	BASF AGRI CHEMICALS	TC-05	SODA ASH HANDLING - UNLOADING	X							2879	30103399	21	not a source of PM, SOX or NOX							P70
851	291270001	BASF AGRI CHEMICALS	PR-88	O-XYLENE RAILCAR UNLOADING					X			2879	30103311	21	not a source of PM, SOX or NOX							P70
852	291270001	BASF AGRI CHEMICALS	PR-87	DIETHYL KETONE RAILCAR UNLOADING					X			2879	30103311	21	not a source of PM, SOX or NOX							P70
853	291270001	BASF AGRI CHEMICALS	PR-86	ETHYLENE DICHLORIDE RAILCAR UNLOADING					X			2879	30103311	21	not a source of PM, SOX or NOX							P70
854	291270001	BASF AGRI CHEMICALS	PR-59	DISTILLATION SEAL POT (140-012) VENT					X			2879	30190099	21	not a source of PM, SOX or NOX							P70
855	291270001	BASF AGRI CHEMICALS	PR-56	LOCAL VENTILATION					X			2879	30103311	21	not a source of PM, SOX or NOX							P70
856	291270001	BASF AGRI CHEMICALS	PR-55	PLANT FUME SYSTEM (VENT TO ATMOS)					X			2879	30103311	21	not a source of PM, SOX or NOX							P70
857	291270001	BASF AGRI CHEMICALS	PR-52	COMBUSTION AIR PREHEATER (NATURAL GAS)	X							2879	30190003	21	Exempt by date							P70
858	291270001	BASF AGRI CHEMICALS	PR-35	NITRATION SEAL POT VENT (003-055)	X							2879	30190099	21	Exempt by date							P70
859	291270001	BASF AGRI CHEMICALS	PR-30	SEAL POT (150-018) VENT	X							2879	30190099	21	Exempt by date							P70
860	291270001	BASF AGRI CHEMICALS	PR-22	ALKYL SEPARATOR (150-011) & FILTRATION HOLD TANK (150-100) VENT	X							2879	30103311	21	Exempt by date							P70
861	291270001	BASF AGRI CHEMICALS	PR-21	ALKYLATION CATCH TANK (150-030) VENT	X							2879	30103311	21	Exempt by date							P70
862	291270001	BASF AGRI CHEMICALS	PR-20	ALKYL SEAL POT VENT (150-004), REACTORS 150-002A/B	X							2879	30103311	21	Exempt by date							P70
863	291270001	BASF AGRI CHEMICALS	IMI2-09A	COMBUSTER BYPASS		X						2879	30103311	21								P70
864	291270001	BASF AGRI CHEMICALS	CPC-29	FILLERS & MINIBULK FILLER	X							2879	30199998	21								P70
865	291270001	BASF AGRI CHEMICALS	CPC-24	DRUM FILLER	X							2879	30199998	21								P70
866	291270001	BASF AGRI CHEMICALS	CPC-18	TRUCK LOADING	X							2879	30103399	21								P70
867	291270001	BASF AGRI CHEMICALS	IMI2-09	COMBUSTOR STACK	X							2879	30103311	21								P70
868	291270001	BASF AGRI CHEMICALS	PR-08	NITRIC ACID STORAGE TANK (S) VENT					X			2879	30187006	21								P70
869	291270001	BASF AGRI CHEMICALS	PR-44	A AQUEOUS WASTE TANK (633-003) FLARE					X			2879	30190099	21								P70
870	291270001	BASF AGRI CHEMICALS	PR-47	C INCINERATOR STACK (633-205)	X							2879	30103399	21	removed in 2003							P70

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871	291270001	BASF AGRICHEMICALS	PR-53	A INCINERATOR (633-005A)					X			2879	30103399	21						P70		
872	291270001	BASF AGRICHEMICALS	PR-54	B INCINERATOR (633-005B)					X			2879	30103399	21						P70		
873	291270001	BASF AGRICHEMICALS	TC-01	THERMAL OXIDATION SYSTEM STACK						X			2879	30103399	21					P70		
874	291270001	BASF AGRICHEMICALS	PY-06	THERMAL OXIDIZER/SCRUBBER DISCHARGE	X								2879	30103311	21					P70		
875	291270001	BASF AGRICHEMICALS	PY-07	SCRUBBER SYSTEM DISCHARGE	X								2879	30103311	21					P70		
876	291270001	BASF AGRICHEMICALS	PY-13	WASTE TANK ACID-ODOR CONTROL SCRUBBER	X								2879	30103311	21					P70		
877	291270001	BASF AGRICHEMICALS	SV-01	56% NITRIC ACID STORAGE TANK VENT	X								2879	30187005	21					P70		
878	291270001	BASF AGRICHEMICALS	TC-03	STANDBY FLARE STACK	X								2879	30190023	21					P70		
879	291270001	BASF AGRICHEMICALS	TC-03A	OPEN FLARE	X								2879	30190023	21					P70		
880	291270001	BASF AGRICHEMICALS	PY-04	BUILDING VENT	X								2879	30103311	21					P70		
881	291330014	GATES RUBBER COMPANY	10-10B	TACKIFIER UNIT	X				X				3041	30101899	21					INT	OP2009-023	
882	291330014	GATES RUBBER COMPANY	2A,B	10' HORIZONTAL VULCANIZER	X				X				3041	30101899	21					INT	OP2009-023	
883	291330014	GATES RUBBER COMPANY	4-4L	RUBBER EXTRUDERS	X				X				3041	30101809	21					INT	OP2009-023	
884	291330014	GATES RUBBER COMPANY	26	PARTS WASHER (SOLVENT TANKS)	X				X				3041	30101403	21					INT	OP2009-023	
885	291470023	KAWASAKI MOTORS MFG CORP	IM2	PLASTIC INJECTION MOLDING PROCESS - PE	X								3519	30101807	21					OP2010-039		
886	291470023	KAWASAKI MOTORS MFG CORP	IM1	PLASTIC INJECTION MOLDING PROCESS - PP	X								3519	30101802	21					OP2010-039	P70	
887	291570024	FALCON FOAM	2-3-4-24	PRE-EXPANDING	X								3089	30101817	21					OP2007-028	P70	
888	291570020	FALCON FOAM	05-25	CURE AREA	X								3089	30101817	21					OP2007-028	P70	
889	291590004	ADCO INC	EP-01	UTILITY TANK U-1					X				2842	30199999	21					NOP		
890	291590004	ADCO INC	EP-02	UTILITY TANK U-2					X				2842	30199999	21					NOP		
891	291590004	ADCO INC	EP-03	BLENDING & UTILITY TANKS					X				2842	30199999	21					NOP		
892	291590004	ADCO INC	EP-04	MANUFACTURING PLANT					X				2842	30199999	21					NOP		
893	291590004	ADCO INC	EP-09	MANUFACTURING PLANT					X				2842	30199999	21					NOP		
894	291590025	WIRE ROPE CORPORATION OF AMERICA INC	EP-04	TUFF-COATER PRE-HEATER						X				3496	30101809	21					NOP	
895	291610039	MANCHESTER PACKAGING COMPANY	EP-11	HOPPER LOADER TRANSFER SYSTEM	X								3089	30101865	21					OP2008-020	P70	
896	291610039	MANCHESTER PACKAGING COMPANY	EP-10	RAILCAR UNLOADER TRANSFER SYSTEM	X								3089	30101865	21					OP2008-020	P70	
897	291630002	AQUALON DIV OF HERCULES INC	EP076	WASTEWATER TREATMENT VOC FUGITIVES						X				2869	30182002	21					OP2010-099	P70
898	291630002	AQUALON DIV OF HERCULES INC	EP070	FULLER DRYER DUST COLLECTOR DISCHARGE						X				2869	30104010	21					OP2010-099	P70
899	291630002	AQUALON DIV OF HERCULES INC	EP069	SARGENT DRYER SOUTH EXHAUST						X				2869	30101832	21					OP2010-099	P70
900	291630002	AQUALON DIV OF HERCULES INC	EP068	SARGENT DRYER NORTH EXHAUST						X				2869	30101832	21					OP2010-099	P70
901	291630002	AQUALON DIV OF HERCULES INC	EP066	NITROFORM REACTOR VENT						X				2869	30101832	21					OP2010-099	P70
902	291630002	AQUALON DIV OF HERCULES INC	EP065	DOWTHERM A FUGITIVE EMISSIONS	X									2869	30199998	21					OP2010-099	P70
903	291630002	AQUALON DIV OF HERCULES INC	EP062-1	ESTER PRODUCTION AND SEPARATION PROCESS	X									2869	30113710	21					OP2010-099	P70
904	291630002	AQUALON DIV OF HERCULES INC	EP061	DI PE DRYER VENT STACK	X									2869	30199999	21					OP2010-099	P70
905	291630002	AQUALON DIV OF HERCULES INC	EP060	MONO PE DRYER ROTOCLONE STACK	X									2869	30199999	21					OP2010-099	P70
906	291630002	AQUALON DIV OF HERCULES INC	EP059	SODIUM FORMATE ROTOCLONE						X				2869	30199999	21					OP2010-099	P70
907	291630002	AQUALON DIV OF HERCULES INC	EP058	OSLO CRYSTALLIZER CONDENSER						X				2869	30183001	21					OP2010-099	P70
908	291630002	AQUALON DIV OF HERCULES INC	EP050	TECH DRYER BAGGER CYCLONE SEPARATOR						X				2869	30199999	21					OP2010-099	P70
909	291630002	AQUALON DIV OF HERCULES INC	EP049	TECH PE ELEVATOR/SILO FUGITIVE						X				2869	30199999	21					OP2010-099	P70
910	291630002	AQUALON DIV OF HERCULES INC	EP048	TECH DRYER BAGHOUSE EXHAUST(PENTACRYTHRITOL)						X				2869	30199999	21					OP2010-099	P70
911	291630002	AQUALON DIV OF HERCULES INC	EP047	SOUTH CRUDE BELT FILTER VENT	X									2869	30199999	21					OP2010-099	P70
912	291630002	AQUALON DIV OF HERCULES INC	EP046	NORTH CRUDE BELT FILTER VENT	X									2869	30199999	21					OP2010-099	P70
913	291630002	AQUALON DIV OF HERCULES INC	EP026	METHANOL FUGITIVE EMISSIONS	X									2869	30125004	21					OP2010-099	P70
914	291630002	AQUALON DIV OF HERCULES INC	EP016	FORMALDEHYDE ABSORBER VENT	X									2869	30112005	21					OP2010-099	P70
915	291630002	AQUALON DIV OF HERCULES INC	EP090	3 EE CONDENSERS (2)	X									2869	30199998	21					OP2010-099	P70
916	291630002	AQUALON DIV OF HERCULES INC	EP092	DI PE TRANSFERS (3)	X									2869	30199999	21					OP2010-099	P70
917	291630002	AQUALON DIV OF HERCULES INC	EP094	MONO PE BAGGING	X									2869	30199999	21					OP2010-099	P70
918	291630002	AQUALON DIV OF HERCULES INC	EP096	UREA SILO	X									2869	30104007	21					OP2010-099	P70
919	291630002	AQUALON DIV OF HERCULES INC	EP097	UREA SCALE TANK	X									2869	30104007	21					OP2010-099	P70

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920	291630031	DYNO NOBEL INC	E13	PRILL BULK LOADOUT				X				2873	30102709	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
921	291630031	DYNO NOBEL INC	E12	PRILL REMELT EVAPORATOR				X				2873	30102727	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
922	291630031	DYNO NOBEL INC	E11	#2 PRILL COOLER				X				2873	30102724	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
923	291630031	DYNO NOBEL INC	E10	#2 PRILL DRYER				X				2873	30102725	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
924	291630031	DYNO NOBEL INC	E09	#2 PRILL PREDRYER				X				2873	30102725	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
925	291630031	DYNO NOBEL INC	E08	#1 PRILL COOLER				X				2873	30102724	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
926	291630031	DYNO NOBEL INC	E07	#1 PRILL DRYER				X				2873	30102725	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
927	291630031	DYNO NOBEL INC	E06	#1 PRILL PREDRYER				X				2873	30102725	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
928	291630031	DYNO NOBEL INC	E05	PRILLING TOWER				X				2873	30102722	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
929	291630031	DYNO NOBEL INC	E04	PRILL EVAPORATOR				X				2873	30102727	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
930	291630031	DYNO NOBEL INC	E03	AMMONIUM NITRATE NEUT.				X				2873	30102704	21	11 supporting EP were identified and the sum of all PTE (PM10) is below 250. These emissions were evaluated in the additional Q/D BART Analyses					P70		
931	291650028	WOODBRIDGE CORPORATION	EP-16	SOLVENT RELEASE AGENT (APPLICATION AND STORAGE) FOR MDI LINE	X							3086	30102699	21	PTE removed because exempt by date					OP2010-050	P70	
932	291770037	ORBSEAL LLC	EP9	SEALANT AND ADHESIVE EXTRUDERS				X				2891	30101821	21						BAS		
933	291830029	RECKITT BENCKISER	04	MIXING TANKS-FRAGRANCE OILS		X						2842	30188801	21								
934	291830029	RECKITT BENCKISER	06	CRYSTAL AIR FRESHENER PROCESS	X							2842	30188801	21								
935	291830029	RECKITT BENCKISER	07	TRANSFER PROCESS		X						2842	30188801	21								
936	291830029	RECKITT BENCKISER	08	TRI SODIUM CITRATE VACUUM TRANSFER	X							2842	30188801	21								
937	291830029	RECKITT BENCKISER	09	POTASSIUM TRIPOLYPHOSPHATE VAC TRANSFER	X							2842	30188801	21								
938	291830029	RECKITT BENCKISER	11	MERLIN PROCESS - MIXING EMISSIONS	X							2842	30188801	21								
939	291830110	ZOLTEK CORPORATION	EP08	CCL OX THERMAL OXIDIZER	X							2299	30102432	21						BAS		
940	291830110	ZOLTEK CORPORATION	EP09	INTERNAL ROLL OXIDIZERS	X							2299	30102499	21						BAS		
941	291830129	WOODBRIDGE CORPORATION	16	SOLVENT RELEASE AGENT	X			X				3086	30102699	21						INT	OP2006-057	
942	291830129	WOODBRIDGE CORPORATION	19	ANTI-FLAME RETARDANT	X			X				3086	30102614	21						INT	OP2006-057	
943	291890026	MONSANTO WORLD HEADQUARTERS	002	RESEARCH FACILITY OPERATIONS	X			X				2869	30188805	21						INT	Local	
944	291890032	PHARMACIA	002	RESEARCH FACILITY OPERATIONS		X		X				2869	30188805	21						INT	Local	
945	291890035	ROCKWOOD PIGMENTS NA INC	003	CALCINERS				X				2816	30103599	21						INT	Local	
946	291890035	ROCKWOOD PIGMENTS NA INC	004	YMA				X				2816	30103552	21						INT	Local	
947	291890035	ROCKWOOD PIGMENTS NA INC	006	REACTORS/STORAGE TANKS				X				2816	30103599	21						INT	Local	
948	291890035	ROCKWOOD PIGMENTS NA INC	007	DRYERS				X				2816	30103553	21						INT	Local	
949	291890035	ROCKWOOD PIGMENTS NA INC	017	TMA				X				2816	30103552	21						INT	Local	
950	291890221	PM RESOURCES	007	LIQUID PESTICIDE FORMULATION PROCESS				x				2834	30103399	21						BAS		
951	291890221	PM RESOURCES	008	LIQUID PHARMACEUTICAL FORMULATION PROCESS				x				2834	30106022	21						BAS		
952	291890221	PM RESOURCES	009	LIQUID CUPRIC BROMIDE PRODUCTION PROCESS				x				2834	30101010	21						BAS		
953	291890263	WOHL COATINGS CO	001	PAINT MIXING				X				2851	30101401	21						NOP		
954	291890287	VANGUARD PLASTICS INC	002	BUBBLE EXTRUSION VENTS				X				2751	30101899	21						NOP		
955	291890315	FLEX-O-LITE INC	001	PAINT MIXING		X						3231	30101401	21	Dismantled and will never be put back in service						OP2000-113	P70
956	291890321	LHB INDUSTRIES	004	BATCHING				X				2851	30101401	21						NOP		
957	291890321	LHB INDUSTRIES	005	DRUM MIXING				X				2851	30101401	21						NOP		
958	291890321	LHB INDUSTRIES	006	FILLING LIQUID				X				2851	30101460	21						NOP		
959	291890321	LHB INDUSTRIES	007	FILLING PROPELLANT				X				2851	30101499	21						NOP		
960	291890321	LHB INDUSTRIES	009	DISTILLATION				X				2851	30101499	21						NOP		
961	291890321	LHB INDUSTRIES	012	TESTING				X				2851	30101499	21						NOP		
962	291890321	LHB INDUSTRIES	014	LIQUID MIXING AND FILLING				X				2851	30101460	21						NOP		
963	291890327	CAMIE-CAMPBELL INC	E1	ADHESIVE MIXING	X			X					30101499	21						INT	Local	
964	291890327	CAMIE-CAMPBELL INC	E2	LUBRICANTS AND CLEANERS	X			X					30101499	21						INT	Local	
965	291890327	CAMIE-CAMPBELL INC	E3	SPRAY BOOTH FOR QC	X			X					30101499	21						INT	Local	
966	291891015	KV PHARMACEUTICAL COMPANY	1	BEAD COATING	X							2834	30106011	21						INT	Local	
967	291891047	KV PHARMACEUTICAL COMPANY	1	GRAN. & BLENDING	X							2834	30106012	21						INT	Local	
968	291891047	KV PHARMACEUTICAL COMPANY	2	TABLET COATING	X							2834	30106011	21						INT	Local	
969	291891097	REICHHOLD CHEMICALS INC	FP5	DRIP AND FILTER PRESS PANS	X							2821	30188801	21						INT	Local	

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970	291891097	REICHHOLD CHEMICALS INC	FP7	DUST FROM SOLID RAW MATERIALS, BAGGED	X						2821	30183001	21								INT Local
971	291891097	REICHHOLD CHEMICALS INC	RL2	RESIN PRODUCT BULK LOADOUT	X						2821	30199999	21								INT Local
972	291891097	REICHHOLD CHEMICALS INC	RP-1	RESIN PRODUCTION, REACTORS	X						2821	30101818	21								INT Local
973	291891097	REICHHOLD CHEMICALS INC	RP-2	RESIN PRODUCTION, THIN TANKS				X			2821	30101839	21								INT Local
974	291891097	REICHHOLD CHEMICALS INC	WW-1	WASTEWATER STREAM STRIPPING	X						2821	30101899	21								INT Local
975	291891097	REICHHOLD CHEMICALS INC	RP-4	RESIN PRODUCTION - REACTORS WITHOUT SCRUBBERS	X						2821	30101819	21								INT Local
976	291891097	REICHHOLD CHEMICALS INC	RP1A	RESIN PROD-REACTORS W/SCRUBBER, T.O.DOWN	X						2821	30101820	21								INT Local
977	291891097	REICHHOLD CHEMICALS INC	RP2A	RESIN PROD - THIN TANKS T.O. DOWN	X						2821	30101840	21								INT Local
978	291891097	REICHHOLD CHEMICALS INC	RP4A	RESIN PROD, REACTORS W/O SCRUBBERS - T.O. DOWN	X						2821	30101821	21								INT Local
979	291891097	REICHHOLD CHEMICALS INC	WW-4	WASTE WATER OPEN SUMP	X						2821	30182011	21								INT Local
980	291891147	THERMO SCIENCE INC	001	MIXING LOSS				X	X		3569	30101401	21								OB 2/2008
981	291891201	FUTURA COATINGS INC	001	POLYURETHANE PAINT PRODUCTION				X			2851	30101401	21								OB 9/2003
982	291891201	FUTURA COATINGS INC	006	CLEAN UP SOLVENTS				X			2851	30101470	21								OB 9/2003
983	291891201	FUTURA COATINGS INC	004	SILICONE PRODUCTION				X			2851	30102630	21								OB 9/2003
984	291891204	WHITMIRE MICROGEN RESEARCH LABORATORY	013-A	BLENDING LOSS (VOC)					X		2879	30103399	21								NOP
985	291891204	WHITMIRE MICROGEN RESEARCH LABORATORY	014-A	PROPELLANT FILL LOSS (VOC), LINE 1					X		2879	30103311	21								NOP
986	291891204	WHITMIRE MICROGEN RESEARCH LABORATORY	014-C	PROPELLANT VENTING LOSS (VOC), LINE 1					X		2879	30103311	21								NOP
987	291891204	WHITMIRE MICROGEN RESEARCH LABORATORY	015-A	PROPELLANT FILLING LOSS (VOC), LINE 2					X		2879	30103311	21								NOP
988	291891204	WHITMIRE MICROGEN RESEARCH LABORATORY	015-B	PROPELLANT VENT LOSS (VOC), LINE 2					X		2879	30103311	21								NOP
989	291891204	WHITMIRE MICROGEN RESEARCH LABORATORY	022-A	EMISSIONS FROM LEAKING CANS (VOC)					X		2879	30103311	21								NOP
990	291891204	WHITMIRE MICROGEN RESEARCH LABORATORY	023-A	PUNCTURING OF SCRAP CANS (VOC)					X		2879	30103311	21								NOP
991	291891204	WHITMIRE MICROGEN RESEARCH LABORATORY	029-A	GAS HOUSE VACUUM PUMP EMISSIONS					X		2879	30103311	21								NOP
992	291891301	RELIABLE BIOPHARMACEUTICAL	001	REACTION/STIRRING BINS	X							30106002	21								NOP
993	291891301	RELIABLE BIOPHARMACEUTICAL	004	BUECHNER FUNNEL FILTERS	X							30106004	21								NOP
994	291891301	RELIABLE BIOPHARMACEUTICAL	005	CONE/SHELF DRYERS	X							30106001	21								NOP
995	291891301	RELIABLE BIOPHARMACEUTICAL	006	CHARGING BINS, NUCLEOSIDES	X							30106010	21								NOP
996	291891301	RELIABLE BIOPHARMACEUTICAL	007	DISSOLUTION/PRECIPITATION	X							30106002	21								NOP
997	291891301	RELIABLE BIOPHARMACEUTICAL	008	WATER VACUUM DRYER/LYOPHILIZER	X							30106001	21								NOP
998	291891301	RELIABLE BIOPHARMACEUTICAL	009	ORGANIC REACTORS	X							30106002	21								NOP
999	291891301	RELIABLE BIOPHARMACEUTICAL	010	ROTARY EVAPORATOR/DISTILLATION UNITS	X							30106003	21								NOP
1000	291891301	RELIABLE BIOPHARMACEUTICAL	011	CRYSTALLIZATION/PRECIPITATION	X							30106007	21								NOP
1001	291891301	RELIABLE BIOPHARMACEUTICAL	013	ELUANT BINS, SILICA	X							30106010	21								NOP
1002	291891301	RELIABLE BIOPHARMACEUTICAL	014	SOLVENT DISPENSING	X							30106021	21								NOP
1003	291891301	RELIABLE BIOPHARMACEUTICAL	016	GLASSWARE RINSING	X							30106022	21								NOP
1004	291891463	FLEMING & CO	001	TIME-RELEASE CAPSULE MANUFACTURING	X							30106011	21								NOP
1005	291891492	COBITCO INC	001	PKG, LIQUIDS & AEROSOLS					X		2842	30199998	21								OB 12/2010
1006	292070007	AMES TRUE TEMPER INC	EP9	PULTRUSION LINE	X						2499	30101837	21								OP2006-075
1007	292130007	ROYAL OAK ENTERPRISES	EP-54	BAGGING BRIQUETTES	X						2861	30100508	21								OP2007-059
1008	292250025	YORK CASKETS - MISSOURI	EP-2D	PAINT & DYE MIXING AREA					X		3995	30101401	21								P70
1009	295100017	MALLINCKRODT INC.	EP 0281	Plant 6; RESIDUAL FUEL OIL #6 T-601 FUGITIVES					X		2869	30188805	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70
1010	295100017	MALLINCKRODT INC.	EP 0411	BLDG. 505; IOVERSOL; D-300 SPRAY DRYER					X		2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70
1011	295100017	MALLINCKRODT INC.	EP 0422	BLDG. 505; IOVERSOL; PIPING (FUGITIVE)					X		2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70
1012	295100017	MALLINCKRODT INC.	EP 0426	BLDG. 505; IOVERSOL; T-860 MeOH Still					X		2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70
1013	295100017	MALLINCKRODT INC.	EP 0905	Bldg 200W; DIESTER; T-6 DIESTER SLURRY TANK					X		2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70
1014	295100017	MALLINCKRODT INC.	EP 0917	Bldg 200W; TRIIODOAMIDE PAN DRYER					X		2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70
1015	295100017	MALLINCKRODT INC.	EP 0936	Bldg 200W; TRIIODOAMIDE; GRANULATOR					X		2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70
1016	295100017	MALLINCKRODT INC.	EP 0940	Bldg 200W; DIESTER PIPING FUGITIVES					X		2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70
1017	295100017	MALLINCKRODT INC.	EP 1003	Bldg 235; PRODUCT O; T-303 VENT					X		2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)							P70

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1018	295100017	MALLINCKRODT INC.	EP 1004	Bldg 235; PRODUCT B; RECEIVER T-304				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1019	295100017	MALLINCKRODT INC.	EP 1005	Bldg 235; PRODUCT B; REACTOR T-305				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1020	295100017	MALLINCKRODT INC.	EP 1007	Bldg 235; PRODUCT B; REACTOR T-306				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1021	295100017	MALLINCKRODT INC.	EP 1008	Bldg 235; PRODUCT B; REACTOR T-307				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1022	295100017	MALLINCKRODT INC.	EP 1011	Bldg 235; PRODUCT J; SOLIDS HANDLING				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1023	295100017	MALLINCKRODT INC.	EP 1012	Bldg 235; PRODUCT B; LIQUID HANDLING				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1024	295100017	MALLINCKRODT INC.	EP 1111	Process Sewers				X				2869	30182002	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1025	295100017	MALLINCKRODT INC.	EP 1116	Plant 1 COOLING TOWER - Bldg 27				X				2869	30199998	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1026	295100017	MALLINCKRODT INC.	EP 1117	Plant 2 COOLING TOWER - Bldg 504 & 505				X				2869	30199998	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1027	295100017	MALLINCKRODT INC.	EP 1118	Plant 5 COOLING TOWER - Bldg 213				X				2869	30199998	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1028	295100017	MALLINCKRODT INC.	EP 1157	Maintenance; Plant-WIDE GLYCOL CHILLER LOOP				X				2869	30180001	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1029	295100017	MALLINCKRODT INC.	EP 1620	Bldg 10; POTASSIUM IODIDE; COMPACTOR/SIFTER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1030	295100017	MALLINCKRODT INC.	EP 1925	Bldg 222S; MAKEUP TANK T-300				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1031	295100017	MALLINCKRODT INC.	EP 1938	Bldg 222S; SIFTER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1032	295100017	MALLINCKRODT INC.	EP 1807	BLDG. 260; PRODUCT E; T-369				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1033	295100017	MALLINCKRODT INC.	EP 1947	Bldg 222S; CENTRIFUGE				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1034	295100017	MALLINCKRODT INC.	EP 2400	Bldg 250; PRODUCT YQ-3-E; EFR DRYER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1035	295100017	MALLINCKRODT INC.	EP 2406	Bldg 250; PRODUCT YQ-2-E; TANK 4 VENT				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1036	295100017	MALLINCKRODT INC.	EP 2415A/B	Bldg 250; PRODUCT ZN - M; DRYER 4/5				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1037	295100017	MALLINCKRODT INC.	EP 2415C	Bldg 250; PRODUCT ZI - M; DRYER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1038	295100017	MALLINCKRODT INC.	EP 2419	Bldg 250; PRODUCT ZN - M; TANK 307				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1039	295100017	MALLINCKRODT INC.	EP 2424	Bldg 250; PRODUCT ZN - M; TANK 320-2 VENT				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1040	295100017	MALLINCKRODT INC.	EP 2425	Bldg 250; PRODUCT ZN - M; TANK 302-3 VENT				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1041	295100017	MALLINCKRODT INC.	EP 2427	Bldg 250; PRODUCT M - L; T-353				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1042	295100017	MALLINCKRODT INC.	EP 2428	Bldg 250; PRODUCT M - L; LARGE LINE CENTRIFUGE				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1043	295100017	MALLINCKRODT INC.	EP 2437	Bldg 250; PRODUCT ZN - M; TANK 301 VENT				X			20	2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	

Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS
1044	295100017	MALLINCKRODT INC.	EP 2438	Bldg 250; PRODUCT ZN -M;T-302				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1045	295100017	MALLINCKRODT INC.	EP 2443	Bldg 250; PRODUCTYQ-4-E;TANK 6 VENT				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1046	295100017	MALLINCKRODT INC.	EP 2444	Bldg 250; PRODUCT M - L;TANK 318				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1047	295100017	MALLINCKRODT INC.	EP 2445	Bldg 250; PRODUCT C - M; T-311				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1048	295100017	MALLINCKRODT INC.	EP 2447	Bldg 250; PRODUCT M - L;T-351				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1049	295100017	MALLINCKRODT INC.	EP 2448	Bldg 250; PRODUCT M - L;TANK 352 CONDENSER VENT				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1050	295100017	MALLINCKRODT INC.	EP 2471	Bldg 250; PRODUCT C - M;CENTRIFUGE				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1051	295100017	MALLINCKRODT INC.	EP 2482	Bldg 250; PRODUCT M - L;DRUMS				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1052	295100017	MALLINCKRODT INC.	EP 2484	Bldg 250; PRODUCT M - L;FUG,LARGE LINE DRUMS				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1053	295100017	MALLINCKRODT INC.	EP 2486	Bldg 250; PRODUCT ZN - M;FFUG MAIN LINE DRUMS				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1054	295100017	MALLINCKRODT INC.	EP 2488	Bldg 250; PRODUCT ZN - M;T-301 FUGITIVES FROM DRU				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1055	295100017	MALLINCKRODT INC.	EP 2490	Bldg 250; PRODUCT YQ-2-E;FUGITIVE PIPING COMPONENT				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1056	295100017	MALLINCKRODT INC.	EP 2492	Bldg 250; PRODUCT F - L;FUG,PIPING COMPONENTS				X			2869	30182002	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1057	295100017	MALLINCKRODT INC.	EP 2497	Bldg 250; MILLING; FITZ MILL				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1058	295100017	MALLINCKRODT INC.	EP 2502	Bldg 504; IOVERSOL; REACTOR RX-100				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1059	295100017	MALLINCKRODT INC.	EP 2505	Bldg 504; IOVERSOL; REACTOR RX-154				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1060	295100017	MALLINCKRODT INC.	EP 2550	Bldg 504; IOVERSOL; SUM OF FUGITIVE EMISSIONS				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1061	295100017	MALLINCKRODT INC.	EP 2704	BLDG. 507; MP-104; HYDROGENATOR RX-230				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1062	295100017	MALLINCKRODT INC.	EP 2705	BLDG. 507; MP-104; T-234 RDA HOLD TANK				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1063	295100017	MALLINCKRODT INC.	EP 2711	BLDG. 507; MP-104; RX-320 NO.1 IODINATOR				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1064	295100017	MALLINCKRODT INC.	EP 2712	BLDG. 507; MP-104; RX-330 NO.2 IODINATOR				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1065	295100017	MALLINCKRODT INC.	EP 2713	BLDG. 507; MP-104; RX-340 NO.3 IODINATOR				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1066	295100017	MALLINCKRODT INC.	EP 2722	BLDG. 507; MP-104; FUG. EMISS. FROM PIPING				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1067	295100017	MALLINCKRODT INC.	EP 2723	BLDG. 507; MP-104; D-440 DRYER				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1068	295100017	MALLINCKRODT INC.	EP 2728	BLDG. 507; MP-104; FUGITIVES CF410/420 DIG.				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1069	295100017	MALLINCKRODT INC.	EP 2729	BLDG. 507; MP-104; FUGITIVE D-440 DRYER CHARGER				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		

Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS
1070	295100017	MALLINCKRODT INC.	EP 2801	Bldg 97; Reactor T3001; Product B				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1071	295100017	MALLINCKRODT INC.	EP 2802	Bldg 97; Feed Tank T3002; Product B				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1072	295100017	MALLINCKRODT INC.	EP 2803	Bldg 97; Receiver T3003; Product B				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1073	295100017	MALLINCKRODT INC.	EP 2809	Bldg 97; Reactor/Still T3012; Product F				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1074	295100017	MALLINCKRODT INC.	EP 2813	Bldg 97; Tray Dryer; Product F				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1075	295100017	MALLINCKRODT INC.	EP 2901	Bldg 223; BLENDING/PACKAGING				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1076	295100017	MALLINCKRODT INC.	EP 2911	Bldg 223; MILLING/PACKAGING				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1077	295100017	MALLINCKRODT INC.	EP 2915	Bldg 223; CRUSHER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1078	295100017	MALLINCKRODT INC.	EP 2919	Bldg 223; STEAM TRAY DRYER 1				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1079	295100017	MALLINCKRODT INC.	EP 2921	Bldg 223; MILL LOW SPEED				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1080	295100017	MALLINCKRODT INC.	EP 2925	Bldg 223; SIFTER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1081	295100017	MALLINCKRODT INC.	EP 6050	Bldg 6&7; SOLV EXTRACT;T-360				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1082	295100017	MALLINCKRODT INC.	EP 6059	Bldg 6&7; SOLV EXTRACT;T-366				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1083	295100017	MALLINCKRODT INC.	EP 6061	Bldg 6&7; SOLV EXTRACT;T-367				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1084	295100017	MALLINCKRODT INC.	EP 6062	Bldg 6&7; SOLV EXTRACT;T-365				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1085	295100017	MALLINCKRODT INC.	EP 6064	Bldg 6&7; SOLV EXTRACT;T-357				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1086	295100017	MALLINCKRODT INC.	EP 6065	Bldg 6&7; SOLV EXTRACT;T-358				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1087	295100017	MALLINCKRODT INC.	EP 6070	Bldg 6&7; SOLV EXTRACT;T-359				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1088	295100017	MALLINCKRODT INC.	EP 6102	Bldg 6&7; NAT EXTRACT SOLV; T-226				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1089	295100017	MALLINCKRODT INC.	EP 6103	Bldg 6&7; NAT EXTRACT SOLV; T-227				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1090	295100017	MALLINCKRODT INC.	EP 6104	Bldg 6&7; NAT EXT SOLV;FUG. PUMPS, VALVES, FLANGE				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1091	295100017	MALLINCKRODT INC.	EP 6150	Bldg 6&7; EAST FINISH;CENTIFUGE 6-4-E				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1092	295100017	MALLINCKRODT INC.	EP 6152	Bldg 6&7; WEST FINISH;DRYER-N 6-4-W				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1093	295100017	MALLINCKRODT INC.	EP 6153	Bldg 6&7; WEST FINISH;DRYER-S 6-4-W				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1094	295100017	MALLINCKRODT INC.	EP 6156	Bldg 6&7; EAST FINISH;DRYER 6-4-E				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1095	295100017	MALLINCKRODT INC.	EP 6157	Bldg 6&7; EAST FINISH;DRYER 6-4-E				X			22	2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	

Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS
1096	295100017	MALLINCKRODT INC.	EP 6158	Bldg 6&7; EAST FINISH;DRYER 6-4-E				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1097	295100017	MALLINCKRODT INC.	EP 6160	Bldg 6&7; EAST FINISH;T-387				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1098	295100017	MALLINCKRODT INC.	EP 6162	Bldg 6&7; WEST FINISH;T-396				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1099	295100017	MALLINCKRODT INC.	EP 6164	Bldg 6&7; EAST FINISH;T-379				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1100	295100017	MALLINCKRODT INC.	EP 6201	Bldg 6&7; SOLV EXTRACT;T-317				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1101	295100017	MALLINCKRODT INC.	EP 6202	Bldg 6&7; SOLV EXTRACT;T-340				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1102	295100017	MALLINCKRODT INC.	EP 6205	Bldg 6&7; SOLV EXTRACT;T-363				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1103	295100017	MALLINCKRODT INC.	EP 6206	Bldg 6&7; SOLV EXTRACT;T-314				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1104	295100017	MALLINCKRODT INC.	EP 6207	Bldg 6&7; SOLV EXTRACT;T-318				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1105	295100017	MALLINCKRODT INC.	EP 6210	Bldg 6&7; SOLV EXTRACT;T-312				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1106	295100017	MALLINCKRODT INC.	EP 6251	Bldg 6&7; ;T-335				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1107	295100017	MALLINCKRODT INC.	EP 6253	Bldg 6&7; ;T-369				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1108	295100017	MALLINCKRODT INC.	EP 6264	Bldg 6&7;DRUM LOADING				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1109	295100017	MALLINCKRODT INC.	EP 6303	Bldg 6&7; LIME TREAT;T-309				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1110	295100017	MALLINCKRODT INC.	EP 6360	Bldg 6&7;PRECIP; DRYER				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1111	295100017	MALLINCKRODT INC.	EP 6400	Bldg 6&7; CONVERSION;T-400				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1112	295100017	MALLINCKRODT INC.	EP 6401	Bldg 6&7; CONVERSION;T-401				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1113	295100017	MALLINCKRODT INC.	EP 6402	Bldg 6&7; CONVERSION;T-402				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1114	295100017	MALLINCKRODT INC.	EP 6403	Bldg 6&7; CONVERSION;T-403				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1115	295100017	MALLINCKRODT INC.	EP 6461	Bldg 6&7; ALCOHOL RECOV;T-651				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1116	295100017	MALLINCKRODT INC.	EP 1812	BLDG. 260; PRODUCT E; CENTRIFUGE CF-001				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1117	295100017	MALLINCKRODT INC.	EP 0975	Plant 5; ACETIC ANHYDRIDE STORAGE TANK T-050 FUGIT				X			2869	30188805	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1118	295100017	MALLINCKRODT INC.	EP 1816	BLDG. 260; PRODUCT E; PIPING FUGITIVES				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1119	295100017	MALLINCKRODT INC.	EP 1002	Bldg 235; PRODUCT J; RECEIVER T-302				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1120	295100017	MALLINCKRODT INC.	EP 2857	Bldg 97; Drum Fugitives; Product F				X			2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		
1121	295100017	MALLINCKRODT INC.	EP 1024	Bldg 235; PRODUCT M; REACTOR T-324				X		23	2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70		

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1122	295100017	MALLINCKRODT INC.	EP 2859	Bldg 97; Reactor T3052; Product R				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1123	295100017	MALLINCKRODT INC.	EP 1027	Bldg 235; PRODUCT H; REACTOR T-328				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1124	295100017	MALLINCKRODT INC.	EP 1031	Bldg 235; PRODUCT H; VACUUM DRYER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1125	295100017	MALLINCKRODT INC.	EP 1091	Bldg 235; PRODUCT O; DESPATCH DRYER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1126	295100017	MALLINCKRODT INC.	EP 1093	Bldg 235; PRODUCT H; T-322				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1127	295100017	MALLINCKRODT INC.	EP 2416A/B	Bldg 250; PRODUCT R - M:DRYER D-950D-951				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1128	295100017	MALLINCKRODT INC.	EP 0214	Plant 1; ETHYL ALCOHOL STORAGE TK T-111 FUGITIVES				X				2869	30188805	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1129	295100017	MALLINCKRODT INC.	EP 0216	Plant 1; TOLUENE STORAGE TANK T-112 FUGITIVES				X				2869	30188805	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1130	295100017	MALLINCKRODT INC.	EP 1123	Bldg 512; Wastewater Hazardous Waste Tank, T-1336				X				2869	30199998	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1131	295100017	MALLINCKRODT INC.	EP 0054	Bldg 512; Steam Stripper, Cond & Scrubber -CL-1315				X				2869	30182002	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1132	295100017	MALLINCKRODT INC.	EP 2463	BLDG. 250; ALL PRODUCTS; T-355 REACTOR				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1133	295100017	MALLINCKRODT INC.	EP 2464	BLDG. 250; ALL PRODUCTS; T-354 REACTOR				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1134	295100017	MALLINCKRODT INC.	EP 1970	BLDG. 222 A-TANK 12 (SO2)				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1135	295100017	MALLINCKRODT INC.	EP 0924	BLDG. 200W; T-11				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1136	295100017	MALLINCKRODT INC.	EP 1972	BLDG 222A- TANK 14				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1137	295100017	MALLINCKRODT INC.	EP 2503	ASI; BLDG. 504; IOVERSOL RX-103				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1138	295100017	MALLINCKRODT INC.	EP 2514	ASI; Bldg 504; IOVERSOL; REACTOR RX-285				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1139	295100017	MALLINCKRODT INC.	EP 2516	ASI; Bldg 504; IOVERSOL; RX-259				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1140	295100017	MALLINCKRODT INC.	EP 2535	ASI; Bldg 504; IOVERSOL; CL-430-A				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1141	295100017	MALLINCKRODT INC.	EP 6482	Bldg 6/7; Wastewater Decanter Tank, T-5004				X				2869	30182002	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1142	295100017	MALLINCKRODT INC.	EP 0134	BLDG X; SIFTER 137				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1143	295100017	MALLINCKRODT INC.	EP 6107	BLDG. 6&7; EXTRACTION COLUMN				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1144	295100017	MALLINCKRODT INC.	EP 6109	BLDG. 6&7; T-252 CHLOROFORM SETTLING TANK				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1145	295100017	MALLINCKRODT INC.	EP 6454	BLDG. 6&7; T-323				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1146	295100017	MALLINCKRODT INC.	EP 2550	ROSEMUND BAY; PIPING FUGITIVES				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1147	295100017	MALLINCKRODT INC.	EP 0101	Bldg X; MILL #1 COMBUSTION PRODUCTS				X			24	2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	

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1148	295100017	MALLINCKRODT INC.	EP 0102	Bldg X; MILL #2 NATURAL GAS COMBUSTION				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1149	295100017	MALLINCKRODT INC.	EP 0103	Bldg X; MILL #3 NATURAL GAS COMBUSTION				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1150	295100017	MALLINCKRODT INC.	EP 0104	Bldg X; PRODUCT HOPPER/COLLECTOR				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1151	295100017	MALLINCKRODT INC.	EP 0107	BLDG X; TANK EXHAUST (PM)				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1152	295100017	MALLINCKRODT INC.	EP 0108	BLDG X; TANK 2 EXHAUST (PM)				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1153	295100017	MALLINCKRODT INC.	EP 0109	Bldg X; TANK 3 EXHAUST				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1154	295100017	MALLINCKRODT INC.	EP 0908	BLDG. 200W; T-8				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1155	295100017	MALLINCKRODT INC.	EP 0400	BLDG. 505; IOVERSOL; T-850 METHANOL STILL				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1156	295100017	MALLINCKRODT INC.	EP 0406	BLDG. 505; IOVERSOL; D-800 SPRAY DRYER				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1157	295100017	MALLINCKRODT INC.	EP 1082	Bldg 235; Wastewater Decanter Tank, T-5003				X				2869	30182002	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1158	295100017	MALLINCKRODT INC.	EP 2734	BLDG. 507; MP-104; FUGITIVE (SALT CHARGING)				X				2869	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels (94.29 TPY PM, less than 1 TPY NOx and SOx)					P70	
1159	295100023	SOLUTIA INC	D25	SKYDROL TM LD-4 (WEST BLEND TANK, IT 1600 BLENDING				X				2869	30199998	21							OB 12/2006
1160	295100023	SOLUTIA INC	D26	SKYDROL TM 500G-4(EAST BLEND TANK,IT-1640) BLENDIN				X				2869	30199998	21							OB 12/2006
1161	295100023	SOLUTIA INC	M05	BRIQUETTER/SIFTER				X				2869	30110004	21							OB 12/2006
1162	295100023	SOLUTIA INC	M06	MALAEIC ANHYDRIDE BAGGER EXHAUSE				X				2869	30110099	21							OB 12/2006
1163	295100023	SOLUTIA INC	M09	FUGITIVE EMISSIONS - MALAIC ANHYDRIDE				X				2869	30110080	21							OB 12/2006
1164	295100023	SOLUTIA INC	Y02	MALEIC ANHYDRIDE FUGITIVE EMISSIONS				X				2869	30188805	21							OB 12/2006
1165	295100023	SOLUTIA INC	P29	FUGITIVE EMISSIONS - METHANOL				X				2869	30110080	21							OB 12/2006
1166	295100023	SOLUTIA INC	P07	METHANOL STILL COLUMN				X				2869	30183001	21							OB 12/2006
1167	295100024	RHODIA INC	EP0000	ASPIRIN VACUUM SYSTEM				X				2834	30106099	21							OB 2/2003
1168	295100024	RHODIA INC	EP1400	ASPIRIN FUME SCRUBBER				X				2834	30106008	21							OB 2/2003
1169	295100024	RHODIA INC	EP1500	AREA DUST COLLECTOR (305)				X				2834	30106010	21							OB 2/2003
1170	295100024	RHODIA INC	EP1510	DRY STORAGE BLENDER (#317)				X				2834	30106010	21							OB 2/2003
1171	295100024	RHODIA INC	EP2000	PACKAGING DUST COLLECTOR (#1705)				X				2834	30106099	21							OB 2/2003
1172	295100024	RHODIA INC	EP3000	DUST COLLECTOR (#1435)				X				2834	30106010	21							OB 2/2003
1173	295100024	RHODIA INC	EP3100	ASPIRIN STORAGE BIN DUST COLLECTOR (#101/104)				X				2834	30106010	21							OB 2/2003
1174	295100024	RHODIA INC	EP9100	ASPIRIN FUGITIVE EMISSIONS				X				2834	30188805	21							OB 2/2003
1175	295100024	RHODIA INC	EP9800	TANK FARM FUGITIVE EMISSIONS				X				2834	30188805	21							OB 2/2003
1176	295100057	PROCTER & GAMBLE	128	Baghouse/Fluid Bed Dryer				X				2841	30100999	21							BAS
1177	295100057	PROCTER & GAMBLE	146	North Perborate Admix Receiver Use Bin				X				2841	30100999	21							BAS
1178	295100057	PROCTER & GAMBLE	151	Tub Dump				X				2841	30100999	21							BAS
1179	295100057	PROCTER & GAMBLE	152	North Making Filter				X				2841	30100999	21							BAS
1180	295100057	PROCTER & GAMBLE	153	South Making Filter				X				2841	30100999	21							BAS
1181	295100057	PROCTER & GAMBLE	157	Carton Riddling				X				2841	30100999	21							BAS
1182	295100057	PROCTER & GAMBLE	218	Dust Control for all MKg. & Pkg.				X				2841	30100999	21							BAS
1183	295100057	PROCTER & GAMBLE	502	Phosphate Use Bin				X				2841	30100999	21							BAS
1184	295100063	DIAL CORP	10A	Spray Drying Tower Baghouse				X				2841	30100901	21							INT
1185	295100063	DIAL CORP	10B	SPRAY DRYING TOWER				X				2841	30190003	21							Local
1186	295100063	DIAL CORP	1B	West Railcars unloading, soda ash, silo bin				X				2841	30102122	21							INT
1187	295100063	DIAL CORP	1C	RAILCAR UNLOADING NAC03				X				2841	30102122	21							Local
1188	295100063	DIAL CORP	25	DRY PACKAGING LINES L6&7				X				2841	30100910	21							INT
1189	295100063	DIAL CORP	26	DRY PACKAGING LINES L8&9				X				2841	30100910	21							Local
1190	295100063	DIAL CORP	27	DRY PACKAGING LINES 10 AND 11				X				2841	30100910	21							INT
1191	295100063	DIAL CORP	28	Process Dust Collector				X				2841	30100910	21							Local
1192	295100063	DIAL CORP	29	PRODUCT COOLER DUST COLL.				X				2841	30100910	21							INT
1193	295100063	DIAL CORP	2A	RAILCAR UNLOADING OF SODIUM CHLORIDE				X				2841	30100910	21							Local
1194	295100063	DIAL CORP	2C	Salt Transfer Silo to Run Bin (Rotary)				X				2841	30100910	21							INT
1195	295100063	DIAL CORP	3B	DOSEX AREA NaCl TO RUNNING BIN				X				2841	30100999	21							Local
1196	295100063	DIAL CORP	7	DOSEX AREA 5 WEIGHT BINS				X				2841	30100910	21							INT
1197	295100063	DIAL CORP	9	SULFONATION REACTORS				X				2841	30113210	21							Local
1198	295100066	ELEMENTIS SPECIALTIES INC	1	CLAY STORAGE SILOS				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels						EPA review

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1199	295100066	ELEMENTIS SPECIALTIES INC	10	FLASH DRYER #2 - COMBUSTION				X				2816	30103553	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1200	295100066	ELEMENTIS SPECIALTIES INC	12	BENTONE PNEUMATIC TRANSFER				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1201	295100066	ELEMENTIS SPECIALTIES INC	13	BENTONE PACKING BAGHOUSE				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1202	295100066	ELEMENTIS SPECIALTIES INC	2	DAY SILO				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1203	295100066	ELEMENTIS SPECIALTIES INC	27	PASTE DRUMMING STATION: XYLENE PRODUCTS				X				2816	30112199	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1204	295100066	ELEMENTIS SPECIALTIES INC	29	BENTONE GEL REACTOR - PM10 EMISSION				X				2816	30101401	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1205	295100066	ELEMENTIS SPECIALTIES INC	45	BENTONE DISPERSION TANKS				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1206	295100066	ELEMENTIS SPECIALTIES INC	47	BENTONE PACKING SYSTEM				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1207	295100066	ELEMENTIS SPECIALTIES INC	51	P & G DRUM LIQUID PUMP ROOM VENT				X				2816	30112199	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1208	295100066	ELEMENTIS SPECIALTIES INC	61	BENTONE BAG DUMP STATION				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1209	295100066	ELEMENTIS SPECIALTIES INC	62	RECEIVING HOPPER/PACKER - NORTH BAGHOUSE				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1210	295100066	ELEMENTIS SPECIALTIES INC	63	RECEIVING HOPPER/PACKER - SOUTH BAGHOUSE				X				2816	30103554	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1211	295100066	ELEMENTIS SPECIALTIES INC	9	FLASH DRYER #1 - COMBUSTION				X				2816	30103553	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1212	295100066	ELEMENTIS SPECIALTIES INC	11	BENTONE MILLING				X				2816	30103552	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1213	295100066	ELEMENTIS SPECIALTIES INC	36	BENTONE SEAL WATER/HOT WATER TANK				X				2816	30112199	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1214	295100066	ELEMENTIS SPECIALTIES INC	37	AMETEK VACUUM PUMP EXHAUST GAS				X				2816	30112199	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1215	295100066	ELEMENTIS SPECIALTIES INC	38	EIMCO VACUUM PUMP EXHAUST GAS				X				2816	30112199	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1216	295100066	ELEMENTIS SPECIALTIES INC	39	PARKSON FILTER EXHAUST GAS VENT				X				2816	30112199	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1217	295100066	ELEMENTIS SPECIALTIES INC	55	BENTONE REACTION TANKS EXHAUST GAS VENT				X				2816	30112199	21	Plantwide PTE for pollutants of concern are well below BART levels			EPA review	P70		
1218	295100070	ASTARIS LLC	EP-03	ACID PLANT ABSORBER	X							2819	30101705	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1219	295100070	ASTARIS LLC	EP-17	NO. 7,8 STP DRYERS	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1220	295100070	ASTARIS LLC	EP-18	STP BRINKS				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1221	295100070	ASTARIS LLC	EP-19	STP GRANULAR	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1222	295100070	ASTARIS LLC	EP-28	MCP REACTOR				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1223	295100070	ASTARIS LLC	EP-31	MCP SEPARATOR				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1224	295100070	ASTARIS LLC	EP-35	DCP MILL				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1225	295100070	ASTARIS LLC	EP-36	TCP/TMP WET MIX TANK				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1226	295100070	ASTARIS LLC	EP-39	NO. 1+2 TCP DRYER				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1227	295100070	ASTARIS LLC	EP-40	NO. 3&4 TCP DRYER				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1228	295100070	ASTARIS LLC	EP-41	NUMBER 5 TCP DRYER				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1229	295100070	ASTARIS LLC	EP-42	TCP IMP MILL				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1230	295100070	ASTARIS LLC	EP-43	TCP BLENDERS & PACKERS	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1231	295100070	ASTARIS LLC	EP-49	MCPA/SALP MIXER	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1232	295100070	ASTARIS LLC	EP-50	MCPA/SALP CONVEYOR				X				2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1233	295100070	ASTARIS LLC	EP-52	MCPA/SALP FLUIDIZER	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1234	295100070	ASTARIS LLC	EP-54	CALCIUM PHOSPHATE BAGS	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1235	295100070	ASTARIS LLC	EP-63	STP PACKING DUST COLLECTOR	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			
1236	295100070	ASTARIS LLC	EP-73	DCP WET MIX TANKS	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM			P70			

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1237	295100070	ASTARIS LLC	EP-87	SODA ASH UNLOADING	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1238	295100070	ASTARIS LLC	EP-88	LIME UNLOADING	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1239	295100070	ASTARIS LLC	EP-09	ADJUSTING TANKS	X							2819	30101799	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1240	295100070	ASTARIS LLC	EP-14	STP REACTOR	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1241	295100070	ASTARIS LLC	EP-15	NO. 1,2,3 STP DRYERS	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1242	295100070	ASTARIS LLC	EP-16	NO. 4,5,6 STP DRYERS	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1243	295100070	ASTARIS LLC	EP-04	CRUDE ACID TANK	X							2819	30101799	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1244	295100070	ASTARIS LLC	EP-93	D20 SOUTH MIXER	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1245	295100070	ASTARIS LLC	EP-94	D20 SOUTH MILL	X							2819	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels based on CP 01-06-018PM					P70	
1246	295100071	MOZEL INC	EP-101	FILLER 1					X			2899	30101499	21						INT	OB 1/2007
1247	295100071	MOZEL INC	EP-104	FILLER #4					X			2899	30101499	21						INT	OB 1/2007
1248	295100071	MOZEL INC	EP-105	FILLER #5					X			2899	30101499	21						INT	OB 1/2007
1249	295100071	MOZEL INC	EP-106	FILLER #6					X			2899	30101499	21						INT	OB 1/2007
1250	295100071	MOZEL INC	EP-107	FILLER #7					X			2899	30101499	21						INT	OB 1/2007
1251	295100071	MOZEL INC	EP-108	FILLER #8					X			2899	30101499	21						INT	OB 1/2007
1252	295100071	MOZEL INC	EP-110	FILLER #10					X			2899	30101499	21						INT	OB 1/2007
1253	295100071	MOZEL INC	EP-112	FILLER #12					X			2899	30101499	21						INT	OB 1/2007
1254	295100071	MOZEL INC	EP-16	MIXING TANK 16					X			2899	30101499	21						INT	OB 1/2007
1255	295100071	MOZEL INC	EP-17	MIXING TANK #17					X			2899	30101499	21						INT	OB 1/2007
1256	295100071	MOZEL INC	EP-22	MIXING TANK 22					X			2899	30101499	21						INT	OB 1/2007
1257	295100071	MOZEL INC	EP-6	MIXING TANK #6					X			2899	30101499	21						INT	OB 1/2007
1258	295100071	MOZEL INC	EP-7	MIXING TANK #7					X			2899	30101499	21						INT	OB 1/2007
1259	295100071	MOZEL INC	EP-27	MIXING TANK #27					X			2899	30101499	21						INT	OB 1/2007
1260	295100071	MOZEL INC	EP-28	MIXING TANK #28					X			2899	30101499	21						INT	OB 1/2007
1261	295100071	MOZEL INC	EP-500	REMEDIATION EQUIPMENT					X			2899	30101499	21						INT	OB 1/2007
1262	295100096	P D GEORGE CO (THE)	1	EPOXY BLENDING - FUGITIVE EMISSIONS					X			2851	30101401	21	Plantwide PTE for pollutants of concern are well below BART levels					P70	
1263	295100096	P D GEORGE CO (THE)	10	SHIPPING CONTAINER FILLING					X			2851	30199998	21	Plantwide PTE for pollutants of concern are well below BART levels					P70	
1264	295100096	P D GEORGE CO (THE)	6	VESSEL CLEANING-FUGITIVE EMISSIONS					X			2851	30199999	21	Plantwide PTE for pollutants of concern are well below BART levels					P70	
1265	295100096	P D GEORGE CO (THE)	7	REACTOR: CONDENSER VENT (8 REACTORS GROUPED)					X			2851	30101827	21	Plantwide PTE for pollutants of concern are well below BART levels					P70	
1266	295100096	P D GEORGE CO (THE)	8	THINNING TANKS					X			2851	30101839	21	Plantwide PTE for pollutants of concern are well below BART levels					P70	
1267	295100096	P D GEORGE CO (THE)	2	VARNISH BLENDING-FUGITIVE EMISSIONS					X			2851	30101599	21	Plantwide PTE for pollutants of concern are well below BART levels					P70	
1268	295100097	U S PAINT DIV OF GROW GROUP	EP 2	FUGITIVE EMISSIONS FROM GENERAL MIXING AND HANDLIN					X			2851	30101401	21				INT	Local		
1269	295100098	STERLING LACQUER MFG	E17 - 20	STEEL DRUMS					X			2851	30101401	21			NOP				
1270	295100098	STERLING LACQUER MFG	E11	MIXING AND BLENDING TANKS (FIXED AND PORTABLE)					X			2851	30101401	21			NOP				
1271	295100098	STERLING LACQUER MFG	E13	TOTE TANKS, STEEL DRUMS AND CAN FILLING					X			2851	30101401	21			NOP				
1272	295100161	POLY ONE CORPORATION	EP106	LACQUER dept. reactors-fugitive emissions	X				X			2851	30101401	21			INT	Local			
1273	295100161	POLY ONE CORPORATION	EP 104	LACQUER DEPT MIXING HANDLING FUGITIVE	X				X			2851	30101403	21			INT	Local			
1274	295100161	POLY ONE CORPORATION	EP 105	BALL & SAND MILLS-FUGITIVE EMISSIONS	X				X			2851	30101432	21			INT	Local			
1275	295100269	SENSIENT COLORS INC	EP 20	SULFONATION REACTORS AND TANKS	X				X			2087	30112199	21			INT	Local			
1276	295100269	SENSIENT COLORS INC	EP 24	LAKE NIRO 1 SPRAY DRYER	X				X			2087	30112199	21			INT	Local			
1277	295100269	SENSIENT COLORS INC	EP 29	LAKE NIRO 11 SPRAY DRYER	X				X			2087	30112199	21			INT	Local			
1278	295100269	SENSIENT COLORS INC	EP 30	NIRO II SPRAY DRYER	X				X			2087	30112199	21			INT	Local			
1279	295100269	SENSIENT COLORS INC	EP 05	NIRO I SPRAY DRYER					X			2087	30112199	21			INT	Local			
1280	295100269	SENSIENT COLORS INC	EP 09	BEPEX DRYER					X			2087	30112199	21			INT	Local			
1281	295100269	SENSIENT COLORS INC	EP 14	RED #3 PLANT BUTANOL VACUUM DISTILLATION/CONDENSAT	X				X			2087	30112199	21			INT	Local			
1282	295100953	BAYER CROPSCIENCE	EP07	SPRAY DRYER EXHAUST					X			2879	30103399	21			NOP				
1283	295100953	BAYER CROPSCIENCE	EP08	FLUID BED DRYER EXHAUST					X			2879	30103399	21			NOP				
1284	295101077	MID-WEST INDUSTRIAL CHEMICAL	EP9	9 SOLVENT ADHESIVE MIXTURES					X			2891	30101401	21	Plantwide PTE for pollutants of concern are well below BART levels						
1285	295101216	U S POLYMERS	EP1	VARNISH COOKING (2)					X			2851	30101502	21			BAS				
1286	295101216	U S POLYMERS	EP 49	PROCESS TANK, PT 3					X			2851	30101839	21			BAS				
1287	295101216	U S POLYMERS	EP-4	ALKYD BATCH REACTOR, R-1					X			2851	30101838	21			BAS				
1288	295101216	U S POLYMERS	EP-5	RESIN THINNING TANK TT1					X			2851	30101839	21			BAS				
1289	295101216	U S POLYMERS	EP-6	RESIN THINNING TANK, TT2					X			2851	30101839	21			BAS				
1290	295101216	U S POLYMERS	EP-46	FUGITIVE EQUIPMENT LEAK					X			2851	30101899	21			BAS				
1291	295101216	U S POLYMERS	EP-47	FUGITIVE MATERIAL HANDLING SOLIDS					X			2851	30101899	21			BAS				
1292	295101357	WILLERT HOME PRODUCTS	EP-07	SOLID STORAGE IN DRUMS, MIX FOR PROCESSING					X			30130108	21				NOP				
1293	295101519	PERMACEL ST. LOUIS INC	EP-02	RUBBER MIXING #15					X			27					INT			OB 6/2008	

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1294	295101519	PERMACEL ST. LOUIS INC	EP-03	RUBBER MIXING #6				X				3293	30102614	21						OB 6/2008	
1295	295101519	PERMACEL ST. LOUIS INC	EP-21	MXERS #1-7				X				3293	30102614	21						OB 6/2008	
1296	295102428	OMEGA PROTEIN INC	EP-1	TRUCK LOADING SPOUT				X				2875	30188801	21							
1297	295102428	OMEGA PROTEIN INC	EP-3	FISH MEAL HANDLING INSIDE OF BUILDING				X				2875	30188801	21							
1298	295102428	OMEGA PROTEIN INC	EP-4	FISH MEAL BAGGING				X				2875	30188801	21							
1299	295100003	ANHEUSER-BUSCH INC	B08 Biogas	BOILER #8 BIOGAS FIRED 99MM BTU/HR	X							2082	10200799	22							
1300	295100003	ANHEUSER-BUSCH INC	B09 Biogas	BOILER #9 BIOGAS FIRED 99MM BTU/HR	X							2082	10200799	22							
1301	290190005	MAGELLAN PIPELINE COMPANY LLC	09	TANK #1444	X	X						4613	40301021	23						INT	
1302	290190005	MAGELLAN PIPELINE COMPANY LLC	08	TANK #1421		X						4613	40400111	23						INT	
1303	290190005	MAGELLAN PIPELINE COMPANY LLC	07	TANK #843		X						4613	40400111	23						INT	
1304	290190005	MAGELLAN PIPELINE COMPANY LLC	05	TANK #786		X						4613	40400111	23						INT	
1305	290190005	MAGELLAN PIPELINE COMPANY LLC	04	TANK #785		X						4613	40400111	23						INT	
1306	290190005	MAGELLAN PIPELINE COMPANY LLC	02	TANK #191		X						4613	40400108	23						INT	
1307	290310083	TRANS MONTAIGNE PRODUCT SERVICES INC	5	INTERNAL FLOATING ROOF STORAGE TANK - GASOLINE		X				X		5171	40301151	23						BAS	
1308	290310083	TRANS MONTAIGNE PRODUCT SERVICES INC	4	FIXED ROOF STORAGE TANK - #2 DIESEL FUEL		X				X		5171	40301021	23						BAS	
1309	290310083	TRANS MONTAIGNE PRODUCT SERVICES INC	3	FIXED ROOF STORAGE TANK - #2 DIESEL FUEL		X				X		5171	40301021	23						BAS	
1310	290310083	TRANS MONTAIGNE PRODUCT SERVICES INC	2	INTERNAL FLOATING ROOF STORAGE TANK - GASOLINE		X				X		5171	40301151	23						BAS	
1311	290310083	TRANS MONTAIGNE PRODUCT SERVICES INC	1	INTERNAL FLOATING ROOF STORAGE TANK - GASOLINE		X				X		5171	40301151	23						BAS	
1312	290310083	TRANS MONTAIGNE PRODUCT SERVICES INC	FUG	FUGITIVE SOURCES		X				X		5171	40400151	23						BAS	
1313	290330001	SINCLAIR OIL CORP	EP01	TANK 3201- BREATHING & WORKING LOSS	X							4613	40400111	23						OP2010-053	
1314	290330001	SINCLAIR OIL CORP	EP09	TANK 3240- WORKING & BREATHING LOSS	X							4613	40301099	23						OP2010-053	
1315	290330001	SINCLAIR OIL CORP	EP08	TANK 3239 -WORKING & BREATHING LOSS	X							4613	40301099	23						OP2010-053	
1316	290330001	SINCLAIR OIL CORP	EP06	TANK 3212 - ORGANIC LIQUID STORAGE	X							4613	40400111	23						OP2010-053	
1317	290330001	SINCLAIR OIL CORP	EP05	TANK 3209 - BREATHING & WORKING LOSS	X							4613	40400205	23						OP2010-053	
1318	290330001	SINCLAIR OIL CORP	EP04	TANK 3204-ORGANIC LIQUID STORAGE	X							4613	40400111	23						OP2010-053	
1319	290330001	SINCLAIR OIL CORP	EP03	TANK 3203 - BREATHING & WORKING LOSS	X							4613	40301019	23						OP2010-053	
1320	290330001	SINCLAIR OIL CORP	EP02	TANK 3202-BREATHING & WORKING LOSS	X							4613	40301021	23						OP2010-053	
1321	290370031	BP PIPELINES NORTH AMERICA INC	6698	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1322	290370031	BP PIPELINES NORTH AMERICA INC	6699	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1323	290370031	BP PIPELINES NORTH AMERICA INC	6733	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1324	290370031	BP PIPELINES NORTH AMERICA INC	6735	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1325	290370031	BP PIPELINES NORTH AMERICA INC	6931	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1326	290370031	BP PIPELINES NORTH AMERICA INC	6936	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1327	290370031	BP PIPELINES NORTH AMERICA INC	6952	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1328	290370031	BP PIPELINES NORTH AMERICA INC	7079	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1329	290370031	BP PIPELINES NORTH AMERICA INC	7080	EXTERNAL FLOATING ROOF TANK	X							4612	40301117	23						BAS	
1330	290410013	SALISBURY STATION PLATTE PIPE LINE CO	807	CRUDE OIL STORAGE TANK-EXT.	X							5172	40301132	23						NOP	
1331	290410013	SALISBURY STATION PLATTE PIPE LINE CO	806	CRUDE OIL STORAGE TANK-EXT.	X							5172	40301132	23						NOP	
1332	290410013	SALISBURY STATION PLATTE PIPE LINE CO	805	CRUDE OIL STORAGE TANK-EXT.	X							5172	40301132	23						NOP	
1333	290410013	SALISBURY STATION PLATTE PIPE LINE CO	804	CRUDE OIL STORAGE TANK-EXT.	X							5172	40301132	23						NOP	
1334	290410013	SALISBURY STATION PLATTE PIPE LINE CO	803	CRUDE OIL STORAGE TANK-EXT.	X							5172	40301132	23						NOP	
1335	290410013	SALISBURY STATION PLATTE PIPE LINE CO	802	CRUDE OIL STORAGE TANK-EXT.	X							5172	40301132	23						NOP	
1336	290410013	SALISBURY STATION PLATTE PIPE LINE CO	801	CRUDE OIL STORAGE TANK-EXT.	X							5172	40301132	23						NOP	
1337	290410015	BP PIPELINES NORTH AMERICA INC	1310	EXT. FLOATING ROOF TANK WITH PRIMARY SEAL				X				4613	40301117	23						BAS	
1338	290410015	BP PIPELINES NORTH AMERICA INC	1309	EXT. FLOATING ROOF TANK WITH PRIMARY SEAL				X				4613	40301117	23						BAS	
1339	290410015	BP PIPELINES NORTH AMERICA INC	1308	EXT. FLOATING ROOF TANK WITH PRIMARY SEAL	X							4613	40301132	23						BAS	
1340	290410015	BP PIPELINES NORTH AMERICA INC	1307	EXT. FLOATING ROOF TANK WITH PRIMARY SEAL	X							4613	40301132	23						BAS	
1341	290410015	BP PIPELINES NORTH AMERICA INC	1306	EXT. FLOATING ROOF TANK WITH PRIMARY SEAL	X							4613	40301132	23						BAS	
1342	290410015	BP PIPELINES NORTH AMERICA INC	1305	EXT. FLOATING ROOF TANK WITH PRIMARY SEAL	X							4613	40301132	23						BAS	
1343	290410015	BP PIPELINES NORTH AMERICA INC	1304	EXT. FLOATING ROOF TANK WITH PRIMARY SEAL	X							4613	40301132	23						BAS	
1344	290410015	BP PIPELINES NORTH AMERICA INC	1302	EXT. FLOATING ROOF TANK WITH PRIMARY SEAL	X							4613	40301132	23						BAS	
1345	290490016	UNITED COOPERATIVE INC	EP-03	GASOLINE (AST) - ETHANOL				X				5172	40400107	23						NOP	
1346	290490016	UNITED COOPERATIVE INC	EP-02	GASOLINE (AST)				X				5172	40400108	23						NOP	
1347	290510042	PHILLIPS PIPELINE COMPANY	EP09	TANK 4203 (GASOLINE)	X			X		X		5171	40400111	23	All units installed prior to BART dates						OP2010-066
1348	290510042	PHILLIPS PIPELINE COMPANY	EP08	TANK 4202 (GASOLINE)	X			X		28X		5171	40400111	23	All units installed prior to BART dates						OP2010-066
1349	290510042	PHILLIPS PIPELINE COMPANY	EP07	TANK 4101 (KEROSENE)	X			X		X		5171	40301018	23	All units installed prior to BART dates						OP2010-066

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1350	290510042	PHILLIPS PIPELINE COMPANY	EP06	TANK 4010 (GASOLINE)	X			X		X		5171	40400111	23	All units installed prior to BART dates				OP2010-066	P70			
1351	290510042	PHILLIPS PIPELINE COMPANY	EP05	TANK 4009 (GASOLINE)	X			X		X		5171	40400111	23	All units installed prior to BART dates				OP2010-066	P70			
1352	290510042	PHILLIPS PIPELINE COMPANY	EP03	TANK 4005 (GASOLINE)	X			X		X		5171	40400132	23	All units installed prior to BART dates				OP2010-066	P70			
1353	290510042	PHILLIPS PIPELINE COMPANY	EP02	PROPANE LOADING RACK	X			X				5171	40400250	23	All units installed prior to BART dates				OP2010-066	P70			
1354	290510042	PHILLIPS PIPELINE COMPANY	EP01	PETROLEUM LIQUID LOADING RACK	X			X				5171	40400250	23	All units installed prior to BART dates				OP2010-066	P70			
1355	290510042	PHILLIPS PIPELINE COMPANY	EP22	VAPOR COMBUSTOR UNIT	X			X				5171	40400250	23	All units installed prior to BART dates				OP2010-066	P70			
1356	290510042	PHILLIPS PIPELINE COMPANY	EP29	VENTING PROPANE FOR MISCELLANEOUS MAINTENANCE EVENTS				X				5171	40400199	23	not an emissions unit				OP2010-066	P70			
1357	290770116	MAGELLAN PIPELINE COMPANY LLC	010	TANK #1510	X	X						4613	40400111	23				INT	OP2010-086				
1358	290770116	MAGELLAN PIPELINE COMPANY LLC	008	TANK #121		X						4613	40400108	23				INT	OP2010-086				
1359	290770116	MAGELLAN PIPELINE COMPANY LLC	007	TANK #0017		X						4613	40400111	23				INT	OP2010-086				
1360	290770116	MAGELLAN PIPELINE COMPANY LLC	006	TANK #6016		X						4613	40301021	23				INT	OP2010-086				
1361	290770116	MAGELLAN PIPELINE COMPANY LLC	005	TANK #4003		X						4613	40400111	23				INT	OP2010-086				
1362	290770116	MAGELLAN PIPELINE COMPANY LLC	004	TANK #4002		X						4613	40400111	23				INT	OP2010-086				
1363	290770116	MAGELLAN PIPELINE COMPANY LLC	003	TANK #4001		X						4613	40400111	23				INT	OP2010-086				
1364	290770116	MAGELLAN PIPELINE COMPANY LLC	002	TANK #796		X						4613	40301021	23				INT	OP2010-086				
1365	290770116	MAGELLAN PIPELINE COMPANY LLC	011	TANK #1511	X	X						4613	40301019	23				INT	OP2010-086				
1366	290810021	KOCH PIPELINE COMPANY LP	TK4	TANK #330 CRUDE OIL BREAK-OUT STORAGE - WORKING AND BREATHING LOSSES.				X				4612	40301142	23			BAS						
1367	290810021	KOCH PIPELINE COMPANY LP	TK3	TANK #320 CRUDE OIL BREAK-OUT STORAGE - WORKING AND BREATHING LOSSES.				X				4612	40301142	23			BAS						
1368	290810021	KOCH PIPELINE COMPANY LP	TK2	TANK #310 CRUDE OIL BREAK-OUT STORAGE - WORKING AND BREATHING LOSSES				X				4612	40301142	23			BAS						
1369	290810021	KOCH PIPELINE COMPANY LP	TK1	TANK #300 CRUDE OIL BREAK-OUT STORAGE - WORKING AND BREATHING LOSSES				X				4612	40301142	23			BAS						
1370	290950002	BP PRODUCTS NORTH AMERICA INC	115	FLOATING ROOF TANK				X				5171	40301105	23				INT	OP2006-053				
1371	290950002	BP PRODUCTS NORTH AMERICA INC	330	FIXED ROOF TANK				X				5171	40301020	23				INT	OP2006-053				
1372	290950002	BP PRODUCTS NORTH AMERICA INC	331	FIXED ROOF TANK				X				5171	40301020	23				INT	OP2006-053				
1373	290950002	BP PRODUCTS NORTH AMERICA INC	333	FLOATING ROOF TANK				X				5171	40301105	23				INT	OP2006-053				
1374	290950002	BP PRODUCTS NORTH AMERICA INC	334	FIXED ROOF TANK				X				5171	40301017	23				INT	OP2006-053				
1375	290950002	BP PRODUCTS NORTH AMERICA INC	351	FLOATING ROOF TANK				X				5171	40301198	23				INT	OP2006-053				
1376	290950002	BP PRODUCTS NORTH AMERICA INC	340	FLOATING ROOF TANK				X				5171	40301108	23				INT	OP2006-053				
1377	290950002	BP PRODUCTS NORTH AMERICA INC	339	FIXED ROOF TANK				X				5171	40301019	23				INT	OP2006-053				
1378	290950002	BP PRODUCTS NORTH AMERICA INC	338	FLOATING ROOF TANK				X				5171	40301105	23				INT	OP2006-053				
1379	290950002	BP PRODUCTS NORTH AMERICA INC	337	FLOATING ROOF TANK				X				5171	40301108	23				INT	OP2006-053				
1380	290950002	BP PRODUCTS NORTH AMERICA INC	336	FLOATING ROOF TANK				X				5171	40301105	23				INT	OP2006-053				
1381	290950002	BP PRODUCTS NORTH AMERICA INC	335	FIXED ROOF TANK				X				5171	40301020	23				INT	OP2006-053				
1382	290950240	KOCH MATERIALS COMPANY	EP-06	LOADING RACKS				X	X			5171	40400250	23				BAS					
1383	290950240	KOCH MATERIALS COMPANY	EP-07	ASPHALT OIL STORAGE TANK				X	X			5171	40301022	23				BAS					OB 12/2008
1384	290950240	KOCH MATERIALS COMPANY	EP-08	ASPHALT OIL STORAGE TANK				X	X			5171	40301022	23				BAS					OB 12/2008
1385	290970079	MAGELLAN PIPELINE COMPANY	006	Tank 6019		X						4613	40301021	23				BAS					OB 12/2008
1386	290970079	MAGELLAN PIPELINE COMPANY	005	Tank 6018		X						4613	40301021	23				BAS					OB 12/2008
1387	290970079	MAGELLAN PIPELINE COMPANY	004	Tank 1427		X						4613	40400111	23				BAS					OB 12/2008
1388	290970079	MAGELLAN PIPELINE COMPANY	003	Tank 797		X						4613	40400111	23				BAS					OB 12/2008
1389	290990018	HOME SERVICE OIL COMPANY INC	EP2	STORAGE TANKS				X				5171	40301019	23				NOP					
1390	291090036	CONOCOPHILLIPS CO	GR	GENERAL PRODUCT LOADING RACK	X							5171	40400150	23					OP2011-036				
1391	291090036	CONOCOPHILLIPS CO	FUG	PLANT FUGITIVE EMISSIONS	X							5171	40400151	23					OP2006-002	P70			
1392	291090036	CONOCOPHILLIPS CO	314	GASOLINE (RVP 9:RVP 15)				X				5171	40400117	23					OP2011-036				
1393	291090036	CONOCOPHILLIPS CO	311	GASOLINE (RVP 9:RVP 15)	X							5171	40400160	23					OP2011-036				
1394	291090036	CONOCOPHILLIPS CO	310	TRANSMIX STORAGE TANK	X							5171	40400160	23					OP2011-036				
1395	291090036	CONOCOPHILLIPS CO	303	GASOLINE (RVP 13)	X							5171	40400160	23					OP2011-036				
1396	291090036	CONOCOPHILLIPS CO	302	TRANSMIX STORAGE TANK	X							5171	40400160	23					OP2011-036				
1397	291090036	CONOCOPHILLIPS CO	301	Distillate Fuel Oil No. 2	X						29		5171	40400179	23				OP2011-036				

Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS	
1398	291090036	CONOCOPHILLIPS CO	FLARE 1	LOADING RACK FLARE	X							5171	40400153	23						OP2011-036		
1399	291090036	CONOCOPHILLIPS CO	LPG FLARE	LPG Loading Operation	X							5171	40400153	23						OP2006-002	P70	
1400	291250008	CONOCOPHILLIPS CO	GR	GASOLINE LOADING RACK			X	X				5172	40400150	23						OP2011-036		
1401	291250008	CONOCOPHILLIPS CO	FUG	PLANT FUGITIVE EMISSIONS	X		X					5172	40400151	23						OP2006-002	P70	
1402	291250008	CONOCOPHILLIPS CO	521	MIDGRADE UNLEADED STORAGE TANK			X	X				5172	40400160	23						OB 1/2007		
1403	291250008	CONOCOPHILLIPS CO	512	NO. 2 DIESEL FUEL STORAGE TANK			X	X				5172	40400122	23						OB 1/2007		
1404	291250008	CONOCOPHILLIPS CO	511	REGULAR UNLEADED STORAGE TANK	X		X					5172	40400160	23						OB 1/2007		
1405	291250008	CONOCOPHILLIPS CO	504	REGULAR UNLEADED STORAGE TANK-RVP10	X		X					5172	40400160	23						OB 1/2007		
1406	291250008	CONOCOPHILLIPS CO	502	TRANSMIX STORAGE TANK	X		X					5172	40400160	23						OB 1/2007		
1407	291250008	CONOCOPHILLIPS CO	FLARE 1	LOADING OPERATIONS	X		X					5172	40400153	23						OB 1/2007		
1408	291250008	CONOCOPHILLIPS CO	LPG FLARE	LPG LOADING OPERATIONS			X	X				5172	40400153	23						OB 1/2007		
1409	291270002	MAGELLAN PIPELINE COMPANY LLC	8	TANK #1395			X					4613	40301021	23						OP2009-027	P70	
1410	291270002	MAGELLAN PIPELINE COMPANY LLC	6	TANK #1394			X					4613	40400111	23						OP2009-027	P70	
1411	291270002	MAGELLAN PIPELINE COMPANY LLC	5	TANK #1396			X					4613	40400111	23						OP2009-027	P70	
1412	291270002	MAGELLAN PIPELINE COMPANY LLC	4	TANK #699			X					4613	40400111	23						OP2009-027	P70	
1413	291270002	MAGELLAN PIPELINE COMPANY LLC	3	TANK #194			X					4613	40400108	23						OP2009-027	P70	
1414	291650015	CONOCOPHILLIPS CO	GAS RACK	GASOLINE LOADING RACK	X	X	X					5171	40400150	23						OB 3/2005		
1415	291650015	CONOCOPHILLIPS CO	FUG	PLANT FUGITIVE EMISSIONS	X	X	X					5171	40400151	23						OB 3/2005		
1416	291650015	CONOCOPHILLIPS CO	T6	TRANSMIX STORAGE TANK	X	X	X					5171	40400160	23						OB 3/2005		
1417	291650015	CONOCOPHILLIPS CO	T4	DISTILLATE FUEL OIL NO. 2	X	X	X					5171	40400179	23						OB 3/2005		
1418	291650015	CONOCOPHILLIPS CO	T3	GASOLINE (RVP9:RVP15)	X	X	X					5171	40400160	23						OB 3/2005		
1419	291650015	CONOCOPHILLIPS CO	T2	GASOLINE (RVP9:RVP15)	X	X	X					5171	40400160	23						OB 3/2005		
1420	291650015	CONOCOPHILLIPS CO	T1	GASOLINE (RVP9:RVP15)	X	X	X					5171	40400160	23						OB 3/2005		
1421	291650015	CONOCOPHILLIPS CO	FLARE 1	LOADING RACK FLARE	X	X	X					5171	40400153	23						OB 3/2005		
1422	291650015	CONOCOPHILLIPS CO	T10	DISTILLATE FUEL OIL NO. 1 GASOLINE (RVP9:RVP15)	X	X	X					5171	40400160	23						OB 3/2005		
1423	291650015	CONOCOPHILLIPS CO	TRL	TANK ROOF LANDING	X	X	X					5171	40400107	23						NOP		
1424	291652418	ALLIED AVIATION SERVICE CO OF KC INC	C-1,C-2	(2) 336,000 gallon jet fuel AST								X		X		5172	40301113	23			NOP	
1425	291652418	ALLIED AVIATION SERVICE CO OF KC INC	A,B,D,E	210,000gal Jet Fuel ASTS								X		X		5172	40301113	23				
1426	291830023	MAGELLAN TERMINAL HOLDINGS LP	007	TANK #124			X						5171	40301115	23						BAS	
1427	291830023	MAGELLAN TERMINAL HOLDINGS LP	004	TANK #123			X						5171	40400111	23						BAS	
1428	291830023	MAGELLAN TERMINAL HOLDINGS LP	003	TANK #791			X						5171	40400111	23						BAS	
1429	291830023	MAGELLAN TERMINAL HOLDINGS LP	002	TANK #1422			X						5171	40400111	23						BAS	
1430	291890141	ENERGY PETROLEUM COMPANY	10	GASOLINE WORKING LOSS								X				5171	40400108	23			INT	Local
1431	291890141	ENERGY PETROLEUM COMPANY	12	GASOLINE BREATHING LOSS								X				5171	40400102	23			INT	Local
1432	292010018	TEPPCO	EP5	FUGITIVE EMISSIONS	X											4613	40400251	23				
1433	291590009	PITTSBURGH-CORNING CORP	S-32	UNLOADING DUST COLLECTORS	X								3296	30501222	25						OP2011-040	P70
1434	291590009	PITTSBURGH-CORNING CORP	S-24	ANNEALING ROOF EXHAUSTERS	X								3296	30501214	25						OP2009-001	P70
1435	291590009	PITTSBURGH-CORNING CORP	S-16	SCRAP HAUL ROUTES	X								3296	30501222	25						OP2009-001	P70
1436	291590009	PITTSBURGH-CORNING CORP	S-13C	TAR POTS	X								3296	30501299	25						OP2009-001	P70
1437	291590009	PITTSBURGH-CORNING CORP	S-13	DUST COLLECTORS #1 & 13, POINT SOURCE, C-13A & B	X								3296	30501299	25						OP2009-001	P70
1438	291590009	PITTSBURGH-CORNING CORP	S-12	DC #14 & DC #19	X								3296	30501299	25						OP2009-001	P70
1439	291590009	PITTSBURGH-CORNING CORP	S-11	CELLULATING ROOF VENTS				X					3296	30501299	25						OP2009-001	P70
1440	291590009	PITTSBURGH-CORNING CORP	S-10	FURNACE STACKS, POINT SOURCE				X					3296	30501214	25						OP2009-001	P70
1441	291590009	PITTSBURGH-CORNING CORP	S-09	DC #4	X								3296	30501221	25						OP2009-001	P70
1442	291590009	PITTSBURGH-CORNING CORP	S-06A	TANK #4 STACK	X								3296	30501211	25						OP2009-001	P70
1443	291590009	PITTSBURGH-CORNING CORP	S-04	BATCH HAUL ROUTE (BINS)	X								3296	30501222	25						OP2009-001	P70
1444	291590009	PITTSBURGH-CORNING CORP	S-01A	SAND TRUCK UNLOADING FUGITIVES	X								3296	30501221	25						OP2009-001	P70
1445	290350004	ROYAL OAK ENTERPRISES	EP02	UNLOAD KILN/LOAD TRUCKS				X					2861	30100606	26						INT	OP2010-072
1446	290350004	ROYAL OAK ENTERPRISES	EP01-1	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1447	290350004	ROYAL OAK ENTERPRISES	EP01-2	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1448	290350004	ROYAL OAK ENTERPRISES	EP01-3	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1449	290350004	ROYAL OAK ENTERPRISES	EP01-4	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1450	290350004	ROYAL OAK ENTERPRISES	EP01-5	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1451	290350004	ROYAL OAK ENTERPRISES	EP01-6	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1452	290350004	ROYAL OAK ENTERPRISES	EP01-7	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1453	290350004	ROYAL OAK ENTERPRISES	EP01-8	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1454	290350004	ROYAL OAK ENTERPRISES	EP01-9	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1455	290350004	ROYAL OAK ENTERPRISES	EP01-10	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1456	290350004	ROYAL OAK ENTERPRISES	EP01-11	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1457	290350004	ROYAL OAK ENTERPRISES	EP01-12	CHARCOAL KILNS				X					2861	30100603	26						INT	OP2010-072
1458	290350004	ROYAL OAK ENTERPRISES	EP01-13	CHARCOAL KILNS																		

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1536	291790002	MISSOURI HARDWOOD CHARCOAL	EP-04-16	Charcoal Kiln #16				X				2861	30100603	26		BAS					
1537	291790002	MISSOURI HARDWOOD CHARCOAL	EP-04-17	Charcoal Kiln #17				X				2861	30100603	26		BAS					
1538	291790002	MISSOURI HARDWOOD CHARCOAL	EP-04-18	Charcoal Kiln #18				X				2861	30100603	26		BAS					
1539	291790002	MISSOURI HARDWOOD CHARCOAL	EP-03-11	Charcoal Kiln #11				X				2861	30100603	26		BAS					
1540	291790002	MISSOURI HARDWOOD CHARCOAL	EP-03-12	Charcoal Kiln #12				X				2861	30100603	26		BAS					
1541	291790002	MISSOURI HARDWOOD CHARCOAL	EP-03-13	Charcoal Kiln #13				X				2861	30100603	26		BAS					
1542	291790002	MISSOURI HARDWOOD CHARCOAL	EP-03-14	Charcoal Kiln #14				X				2861	30100603	26		BAS					
1543	292030002	TIMBER CHARCOAL	EP01-2	Charcoal Kiln No. 2			X					2861	30100603	26							
1544	292030002	TIMBER CHARCOAL	EP01-5	Charcoal Kiln No. 5			X					2861	30100603	26							
1545	292030006	CRAIG INDUSTRIES INC	EP-01	Kiln #1				X				2861	30100603	26		BAS					OB 12/2002
1546	292030006	CRAIG INDUSTRIES INC	EP-50	RAW MATERIAL STORAGE				X				2861	30100699	26		BAS					OB 12/2002
1547	292030006	CRAIG INDUSTRIES INC	EP-02	Kiln #2				X				2861	30100603	26		BAS					
1548	292030006	CRAIG INDUSTRIES INC	EP-03	Kiln #3				X				2861	30100603	26		BAS					
1549	292030006	CRAIG INDUSTRIES INC	EP-04	Kiln #4				X				2861	30100603	26		BAS					
1550	292030006	CRAIG INDUSTRIES INC	EP-05	Kiln #5				X				2861	30100603	26		BAS					
1551	292030006	CRAIG INDUSTRIES INC	EP-06	Kiln #6				X				2861	30100603	26		BAS					
1552	292030006	CRAIG INDUSTRIES INC	EP-07	Kiln #7				X				2861	30100603	26		BAS					
1553	292030006	CRAIG INDUSTRIES INC	EP-08	Kiln #8				X				2861	30100603	26		BAS					
1554	292030006	CRAIG INDUSTRIES INC	EP-09	Kiln #9				X				2861	30100603	26		BAS					
1555	292030006	CRAIG INDUSTRIES INC	EP-10	Kiln #10				X				2861	30100603	26		BAS					
1556	292030006	CRAIG INDUSTRIES INC	EP-11	Kiln #11				X				2861	30100603	26		BAS					
1557	292030006	CRAIG INDUSTRIES INC	EP-12	Kiln #12				X				2861	30100603	26		BAS					
1558	292030006	CRAIG INDUSTRIES INC	EP-13	Kiln #13				X				2861	30100603	26		BAS					
1559	292030006	CRAIG INDUSTRIES INC	EP-14	Kiln #14				X				2861	30100603	26		BAS					
1560	292030006	CRAIG INDUSTRIES INC	EP-15	Kiln #15				X				2861	30100603	26		BAS					
1561	292030006	CRAIG INDUSTRIES INC	EP-16	Kiln #16				X				2861	30100603	26		BAS					
1562	292030006	CRAIG INDUSTRIES INC	EP-17	Kiln #17				X				2861	30100603	26		BAS					
1563	292030006	CRAIG INDUSTRIES INC	EP-18	Kiln #18				X				2861	30100603	26		BAS					
1564	292030006	CRAIG INDUSTRIES INC	EP-19	Kiln #19				X				2861	30100603	26		BAS					
1565	292030006	CRAIG INDUSTRIES INC	EP-20	Kiln #20				X				2861	30100603	26		BAS					
1566	292030006	CRAIG INDUSTRIES INC	EP-21	Kiln #21				X				2861	30100603	26		BAS					
1567	292030006	CRAIG INDUSTRIES INC	EP-22	Kiln #22				X				2861	30100603	26		BAS					
1568	292030006	CRAIG INDUSTRIES INC	EP-23	Kiln #23				X				2861	30100603	26		BAS					
1569	292030006	CRAIG INDUSTRIES INC	EP-24	Kiln #24				X				2861	30100603	26		BAS					
1570	292030006	CRAIG INDUSTRIES INC	EP-25	Kiln #25				X				2861	30100603	26		BAS					
1571	292030006	CRAIG INDUSTRIES INC	EP-26	Kiln #26				X				2861	30100603	26		BAS					
1572	292030006	CRAIG INDUSTRIES INC	EP-27	Kiln #27				X				2861	30100603	26		BAS					
1573	292030006	CRAIG INDUSTRIES INC	EP-28	Kiln #28				X				2861	30100603	26		BAS					
1574	292030006	CRAIG INDUSTRIES INC	EP-29	Kiln #29				X				2861	30100603	26		BAS					
1575	292030006	CRAIG INDUSTRIES INC	EP-30	Kiln #30				X				2861	30100603	26		BAS					
1576	292030006	CRAIG INDUSTRIES INC	EP-31	Kiln #31				X				2861	30100603	26		BAS					
1577	292030006	CRAIG INDUSTRIES INC	EP-32	Kiln #32				X				2861	30100603	26		BAS					
1578	292030006	CRAIG INDUSTRIES INC	EP-33	Kiln #33				X				2861	30100603	26		BAS					
1579	292030006	CRAIG INDUSTRIES INC	EP-34	Kiln #34				X				2861	30100603	26		BAS					
1580	292030006	CRAIG INDUSTRIES INC	EP-35	Kiln #35				X				2861	30100603	26		BAS					
1581	292030006	CRAIG INDUSTRIES INC	EP-36	Kiln #36				X				2861	30100603	26		BAS					
1582	292030006	CRAIG INDUSTRIES INC	EP-37	Kiln #37				X				2861	30100603	26		BAS					
1583	292030006	CRAIG INDUSTRIES INC	EP-38	Kiln #38				X				2861	30100603	26		BAS					
1584	292030006	CRAIG INDUSTRIES INC	EP-39	Kiln #39				X				2861	30100603	26		BAS					
1585	292030006	CRAIG INDUSTRIES INC	EP-40	Kiln #40				X				2861	30100603	26		BAS					
1586	292030006	CRAIG INDUSTRIES INC	EP-41	Kiln #41				X				2861	30100603	26		BAS					
1587	292030006	CRAIG INDUSTRIES INC	EP-42	Kiln #42				X				2861	30100603	26		BAS					
1588	292030006	CRAIG INDUSTRIES INC	EP-43	Kiln #43				X				2861	30100603	26		BAS					
1589	292030006	CRAIG INDUSTRIES INC	EP-44	Kiln #44				X				2861	30100603	26		BAS					
1590	292030006	CRAIG INDUSTRIES INC	EP-45	Kiln #45				X				2861	30100603	26		BAS					
1591	292030006	CRAIG INDUSTRIES INC	EP-46	Kiln #46				X				2861	30100603	26		BAS					
1592	292030006	CRAIG INDUSTRIES INC	EP-47	Kiln #47				X				2861	30100603	26		BAS					
1593	292030006	CRAIG INDUSTRIES INC	EP-48	Kiln #48				X				2861	30100603	26		BAS					
1594	292030020	TIMBER CHARCOAL CO	EP01-04	Charcoal Kiln No. 4				X				2861	30100603	26							
1595	292030020	TIMBER CHARCOAL CO	EP01-05	Charcoal Kiln No. 5				X				2861	30100603	26							
1596	292030020	TIMBER CHARCOAL CO	EP01-06	Charcoal Kiln No. 6				X				2861	30100603	26							
1597	292030020	TIMBER CHARCOAL CO	EP01-07	Charcoal Kiln No. 7				X				2861	30100603	26							
1598	292030020	TIMBER CHARCOAL CO	EP01-08	Charcoal Kiln No. 8				X				2861	30100603	26							
1599	292130002	HORNER CHARCOAL CO INC	EP01-12	CHARCOAL KILNS				X				2861	30100603	26							
1600	292130002	HORNER CHARCOAL CO INC	EP01-13	CHARCOAL KILNS				X				2861	30100603	26							
1601	292130002	HORNER CHARCOAL CO INC	EP01-17	CHARCOAL KILNS				X				2861	30100603	26							
1602	292130002	HORNER CHARCOAL CO INC	EP01-10	CHARCOAL KILNS				X				2861	30100603	26							
1603	292130002	HORNER CHARCOAL CO INC	EP003	RAW CHARCOAL STORAGE				X				2861	30100699	26							
1604	292130007	ROYAL OAK ENTERPRISES	EP-51	DIP TANK		X		X				2861	30100699	26							
1605	292130007	ROYAL OAK ENTERPRISES	EP-35	DRYER		X		X				2861	30100699	26							
1606	292130007	ROYAL OAK ENTERPRISES	EP-02	CHARCOAL STORAGE		X		X				2861	30100699	26							
1607	292150003	THOMASON CHARCOAL COMPANY	EP003	RAW CHARCOAL STORAGE				X				2861	30100699	26							
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Row #	Facility ID	Company	Point ID	Imported Unit Description	Exempted by Date	Exempted by Category	No longer in Operation	Potential Below 250 TPY	BART Eligible	Tank Capacity	Removed from Service	SIC	SCC	BART Category	Comments/Further Explanation	Basic	NOP	Intermediate	Permit number	P70	Out of Biz per MoEIS
1614	292150003	THOMASON CHARCOAL COMPANY	EP01-07	Kiln No. 7				X			2861	30100603	26			NOP					
1615	292150003	THOMASON CHARCOAL COMPANY	EP01-08	Kiln No. 8				X			2861	30100603	26			NOP					
1616	292150003	THOMASON CHARCOAL COMPANY	EP01-09	Kiln No. 9				X			2861	30100603	26			NOP					
1617	292150003	THOMASON CHARCOAL COMPANY	EP01-10	Kiln No. 10				X			2861	30100603	26			NOP					
1618	292150003	THOMASON CHARCOAL COMPANY	EP01-11	Kiln No. 11				X			2861	30100603	26			NOP					
1619	292150003	THOMASON CHARCOAL COMPANY	EP01-12	Kiln No. 12				X			2861	30100603	26			NOP					
1620	292150003	THOMASON CHARCOAL COMPANY	EP01-11A	Kiln No. 11A				X			2861	30100603	26			NOP					
1621	292150045	H & K CHARCOAL	EP01-01	Kiln No. 1	X						2861	30100603	26			NOP					
1622	292150045	H & K CHARCOAL	EP01-02	Kiln No. 2	X						2861	30100603	26			NOP					